

FIG. 1. PRIOR ART

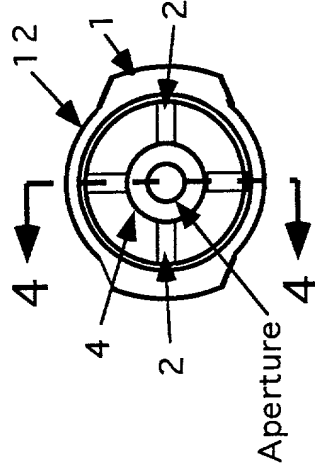


FIG. 2. PRIOR ART

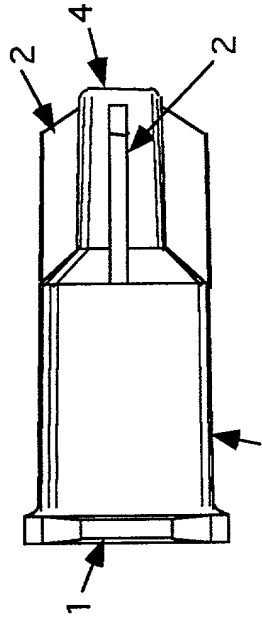


FIG. 3A. PRIOR ART

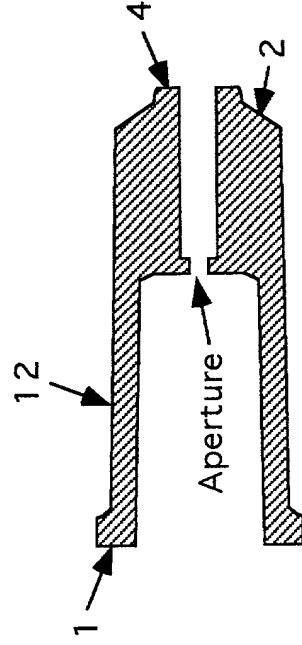


FIG. 4. PRIOR ART

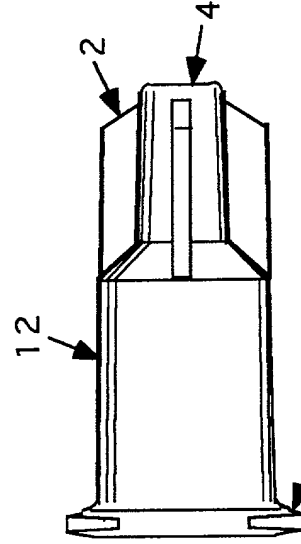


FIG. 3B. PRIOR ART

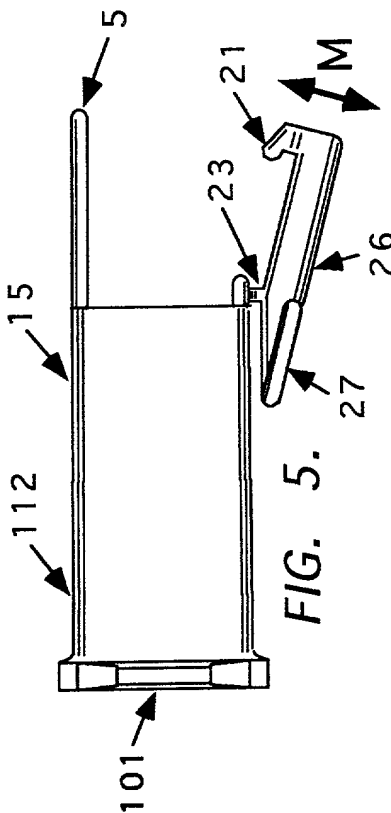


FIG. 5.

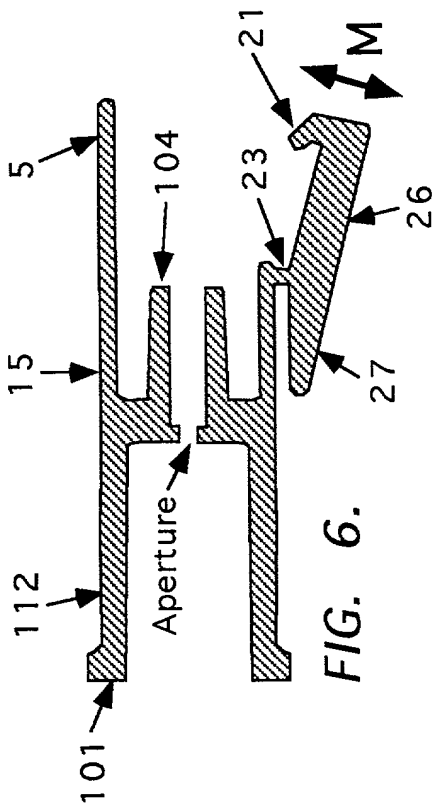


FIG. 6.

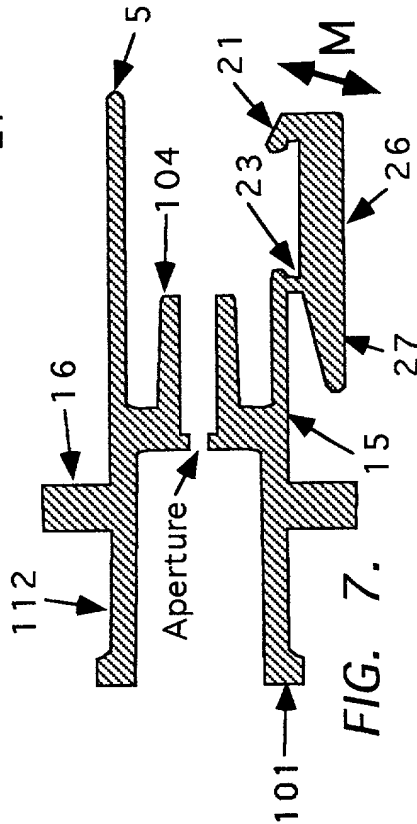


FIG. 7.

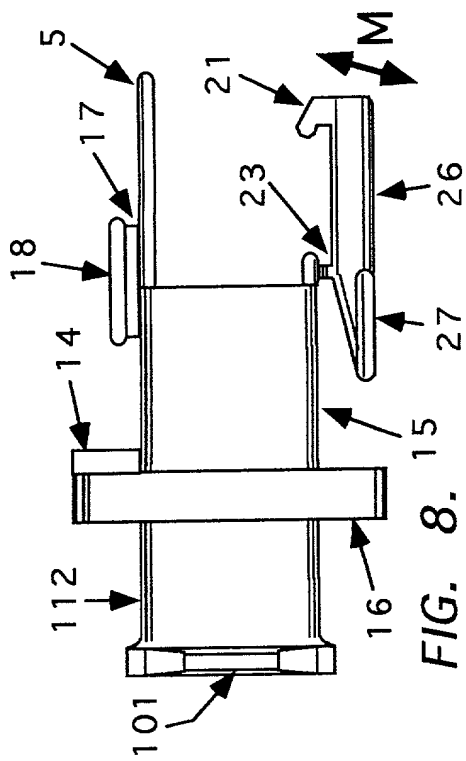


FIG. 8.

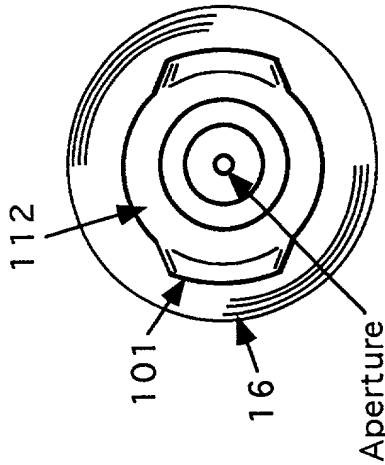
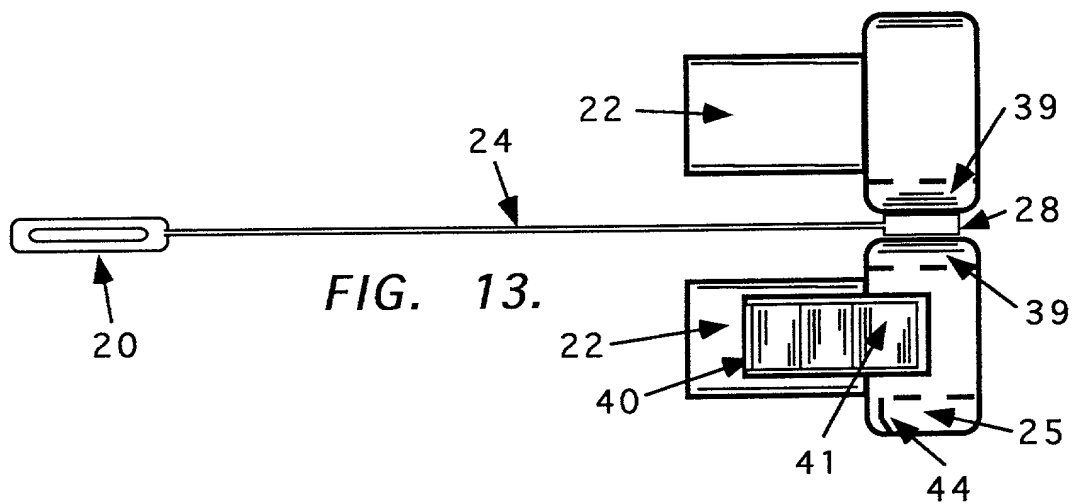
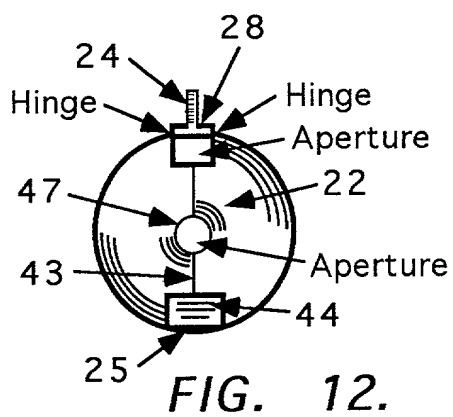
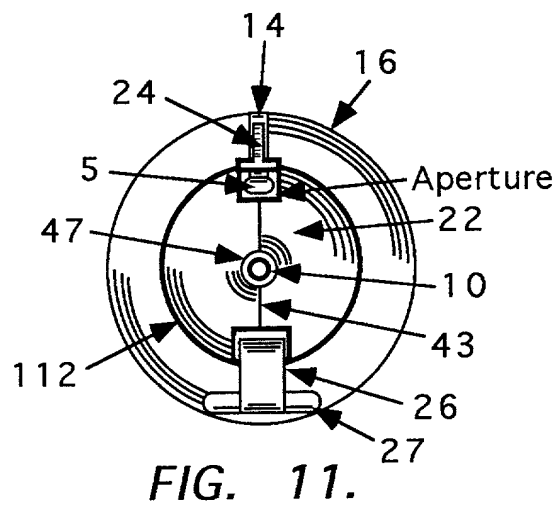
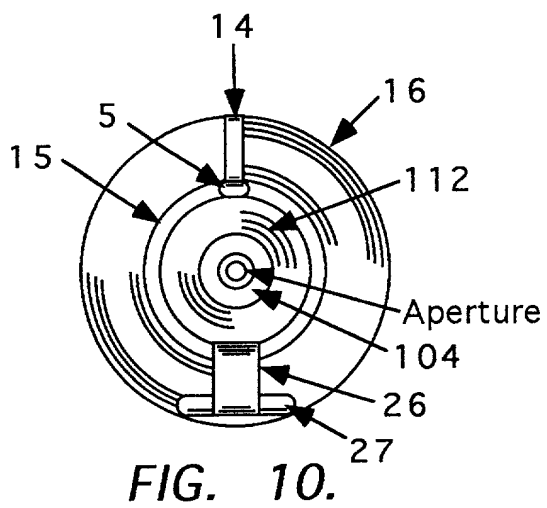


FIG. 9.



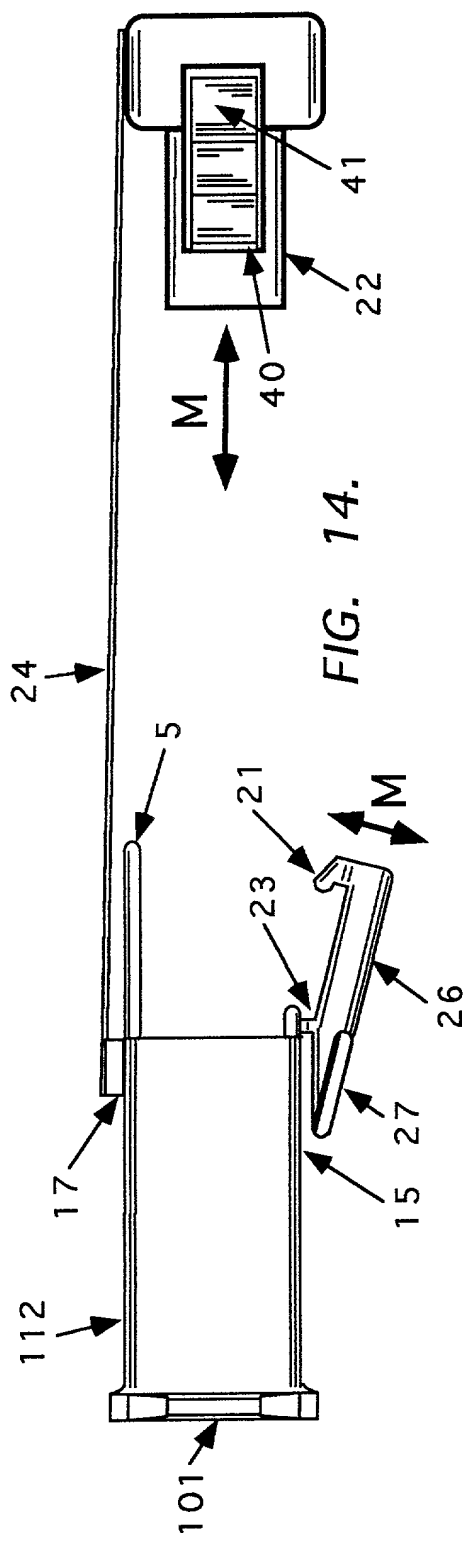


FIG. 14.

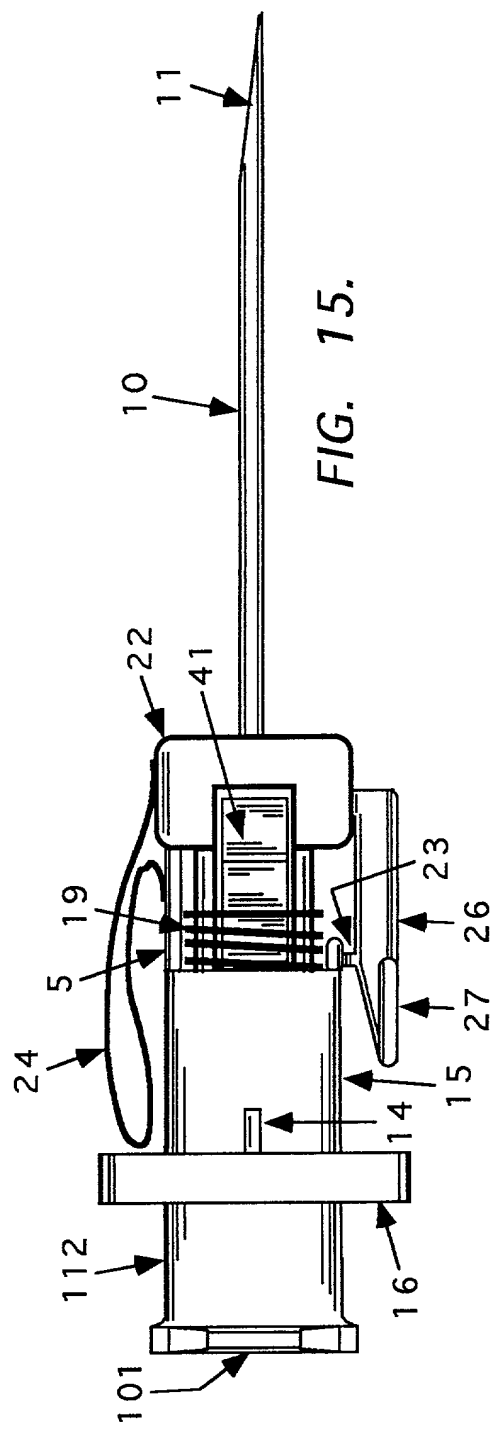
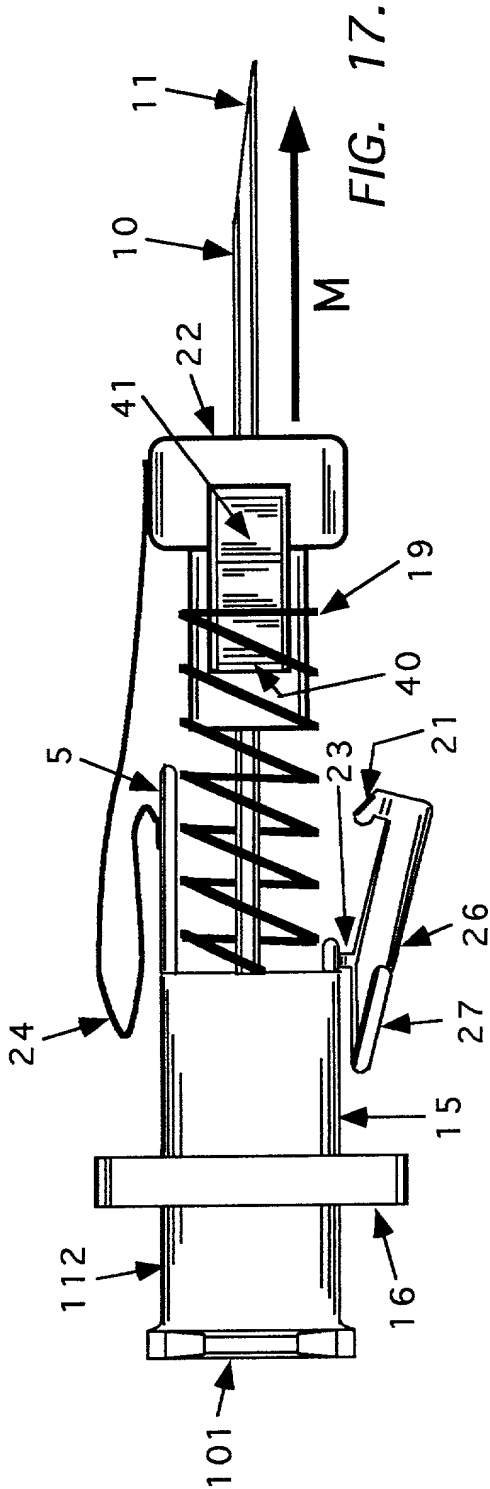
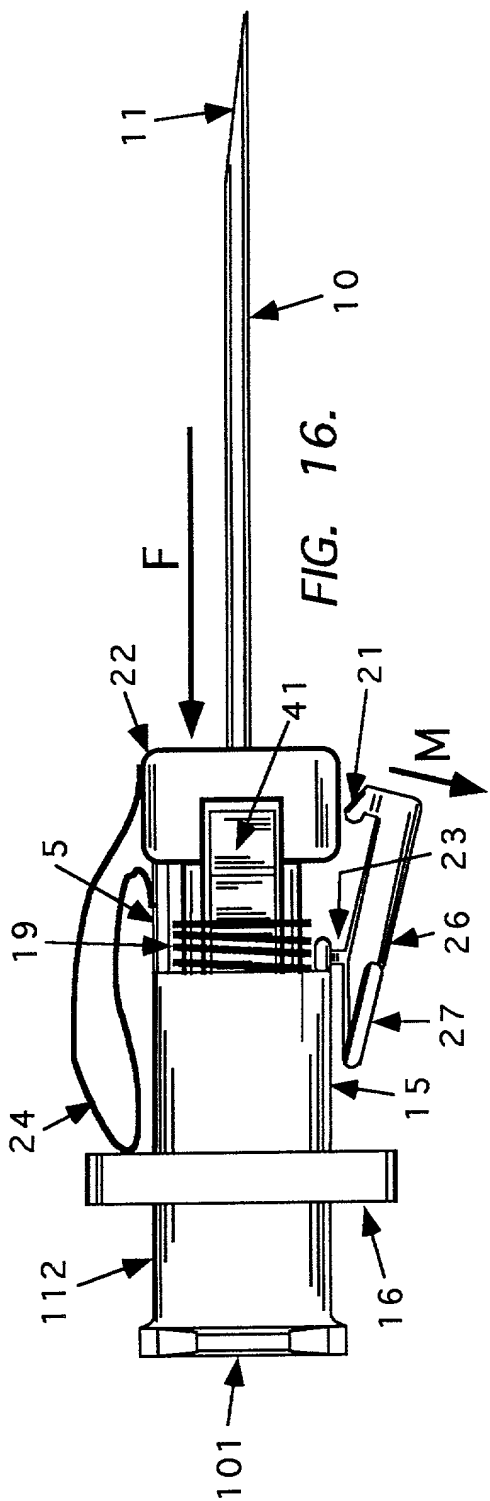


FIG. 15.



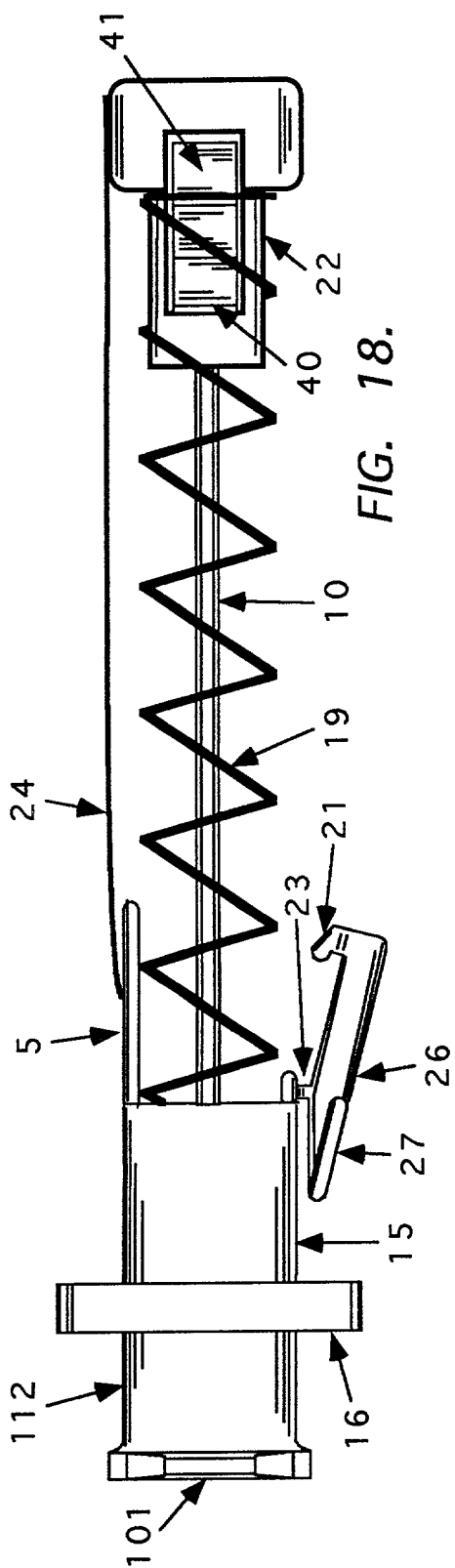


FIG. 18.

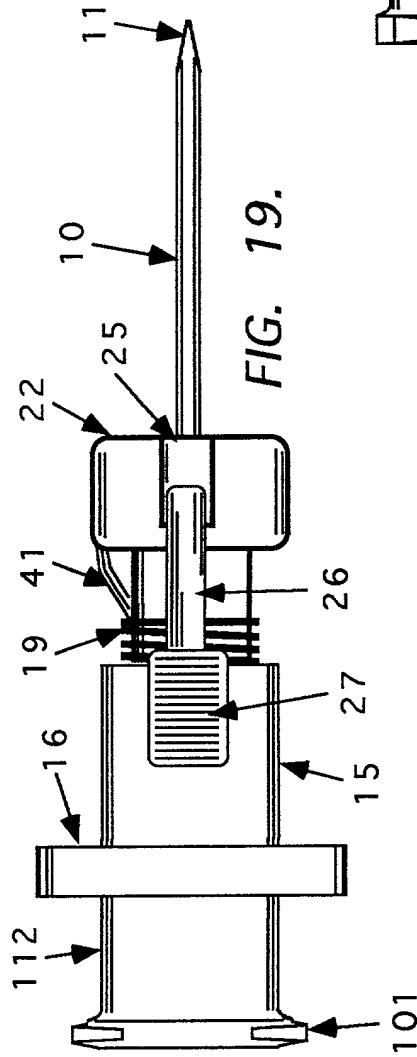


FIG. 19.

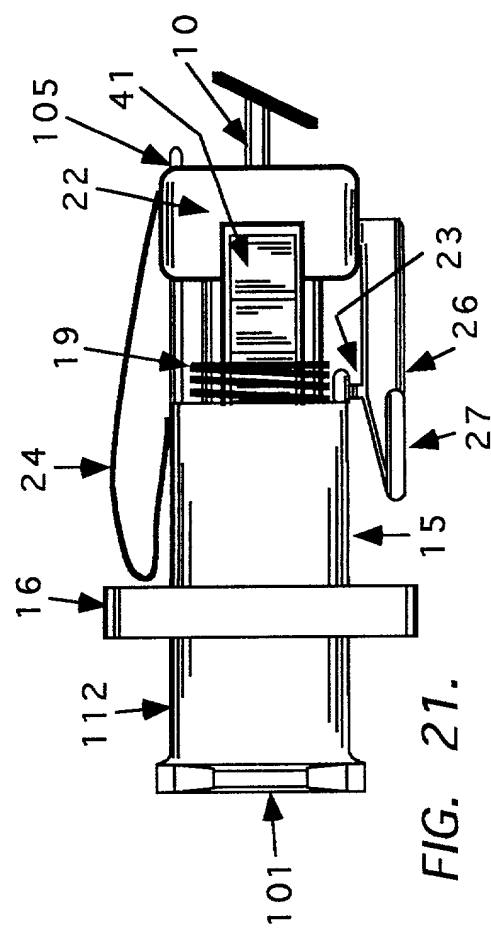


FIG. 21.

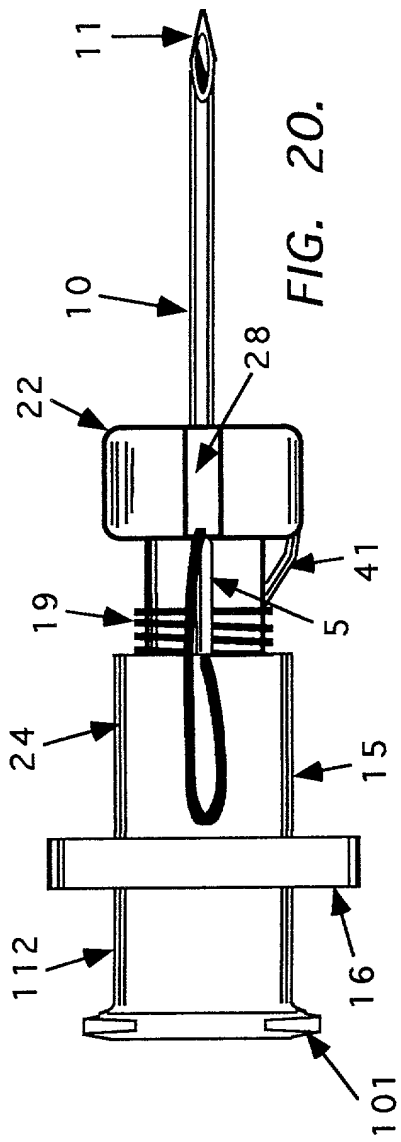


FIG. 20.

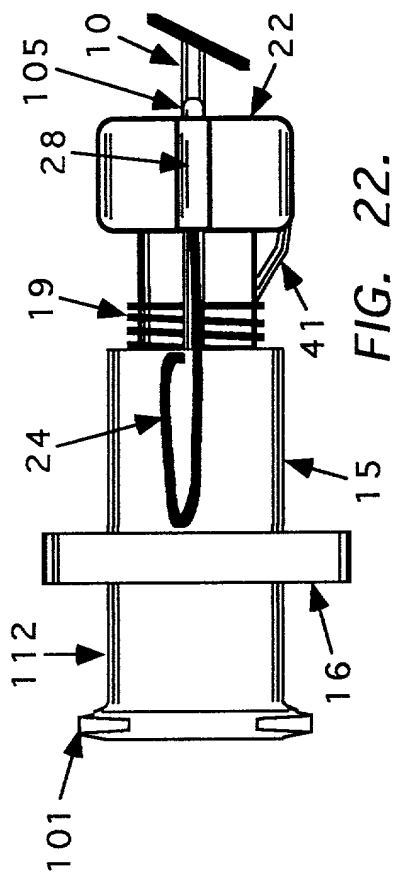


FIG. 22.

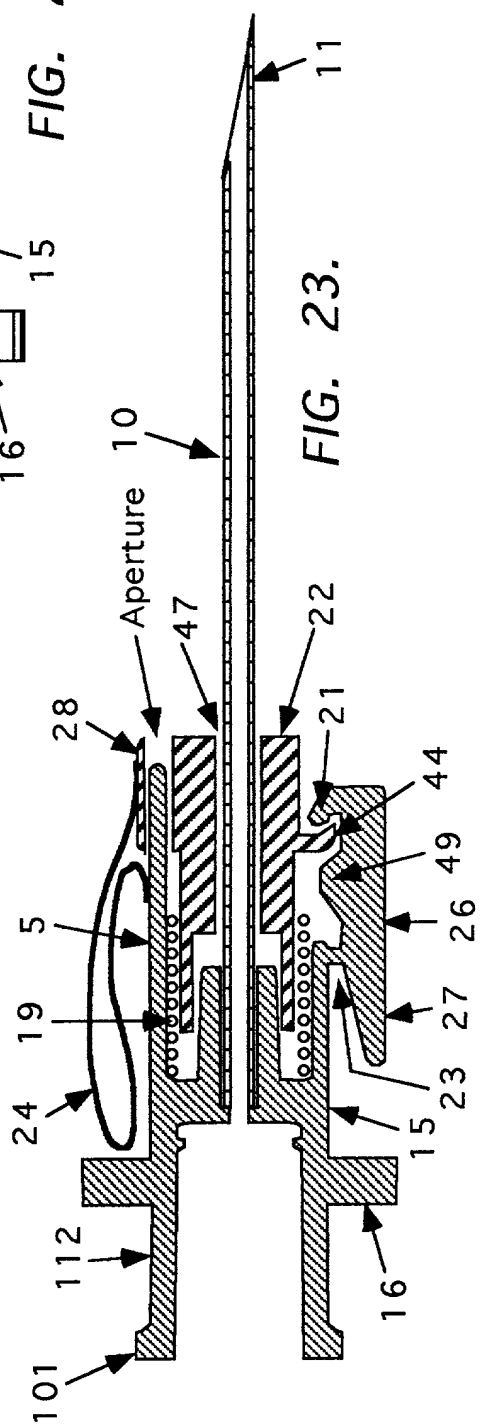
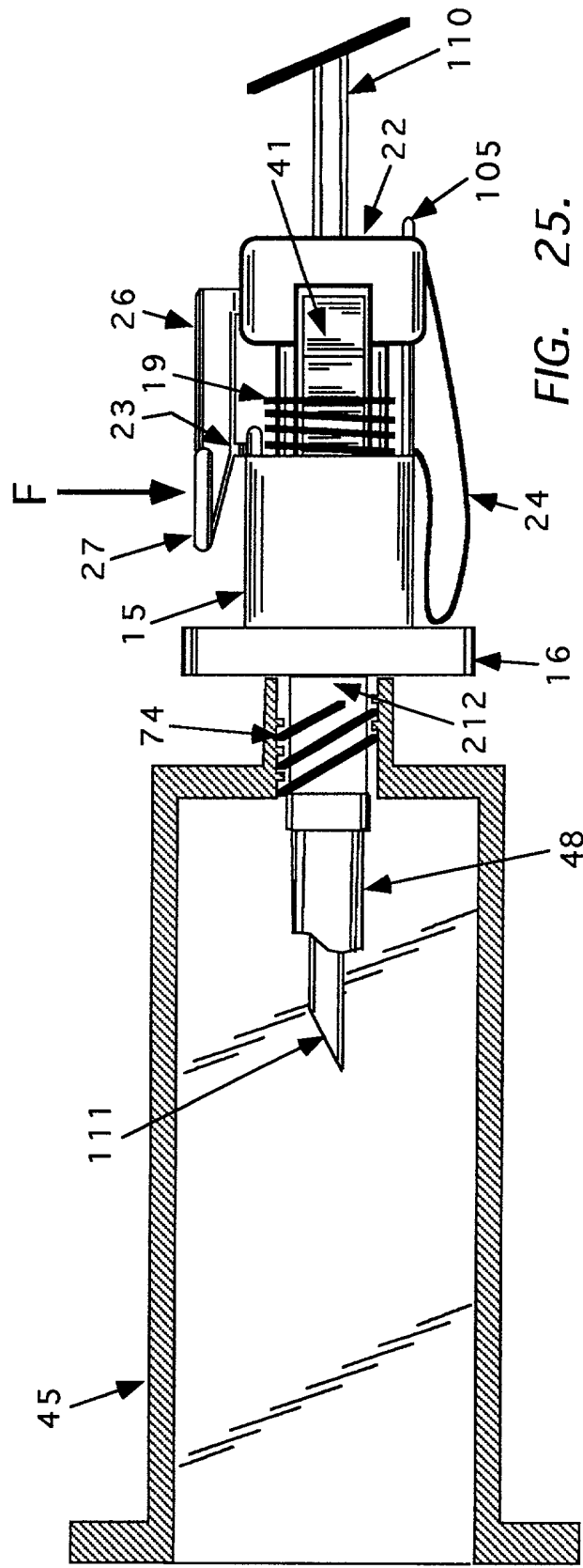
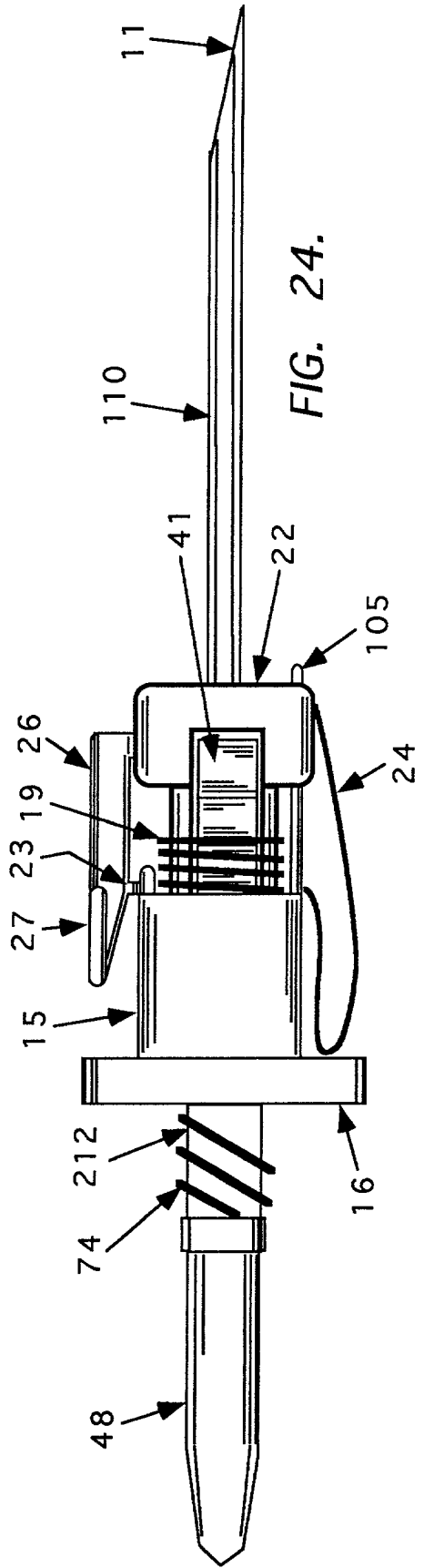


FIG. 23.



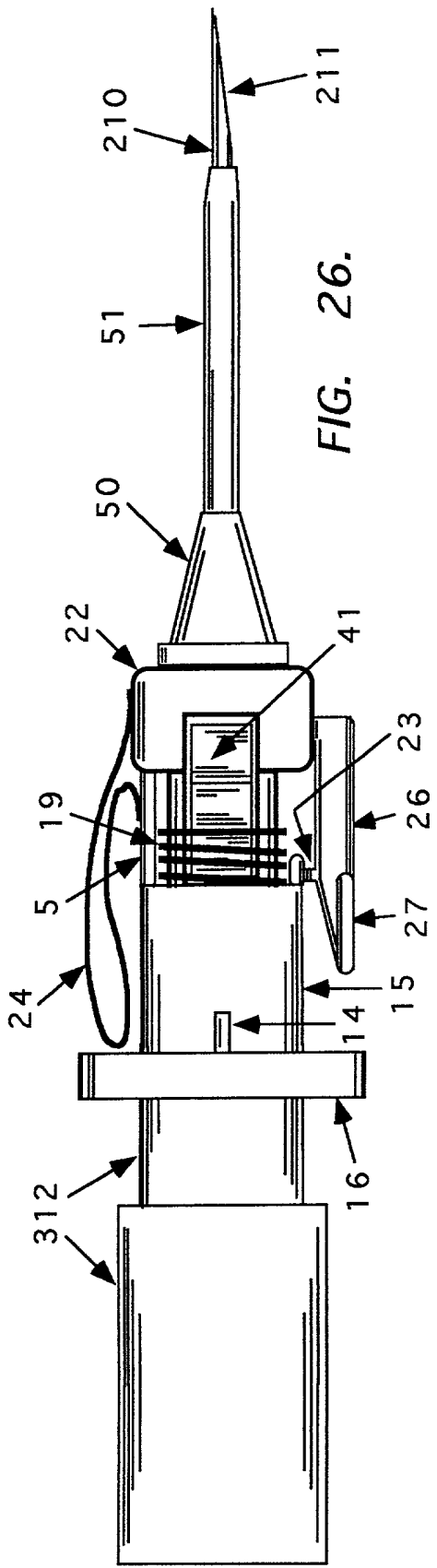


FIG. 26.

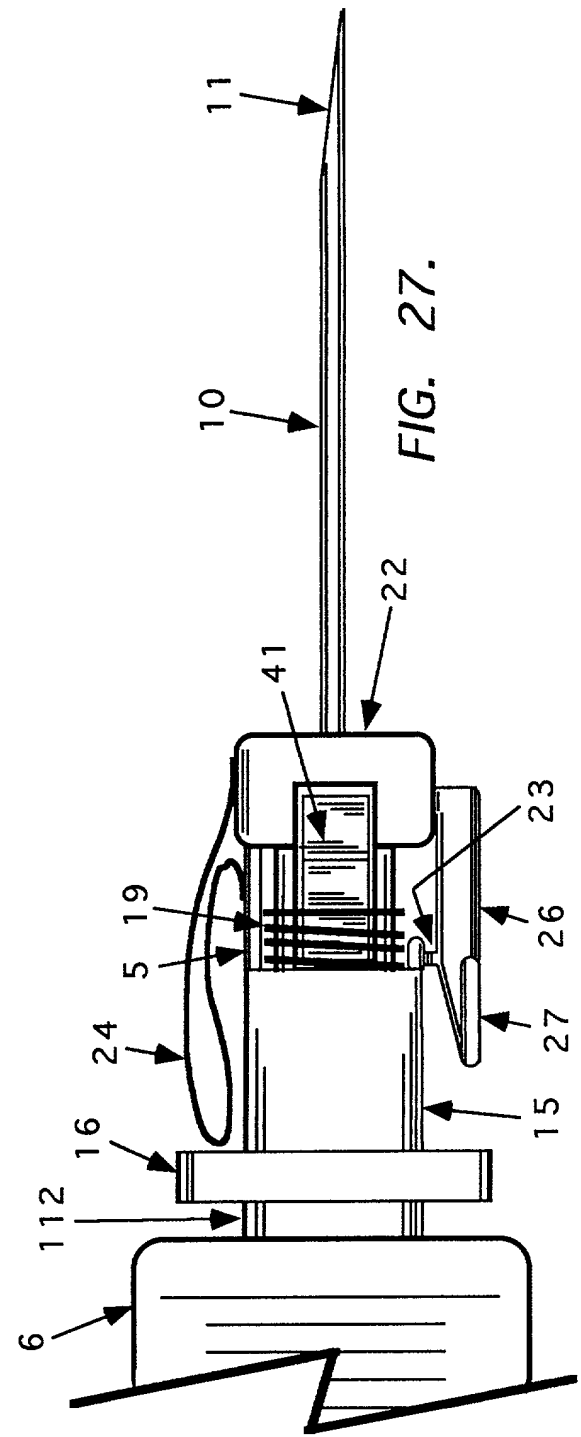
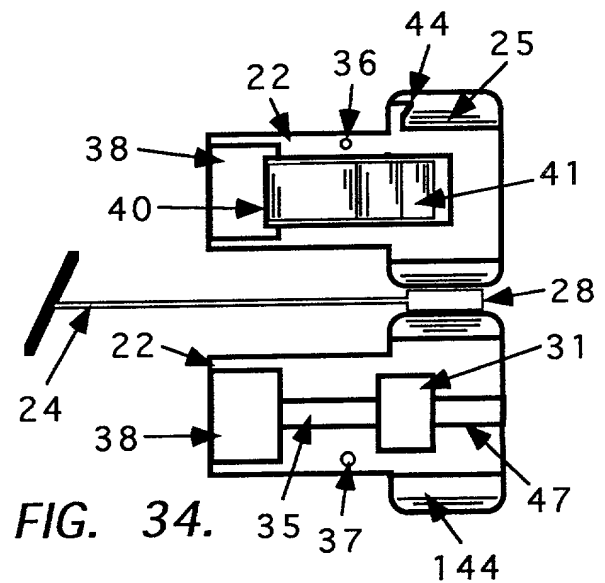
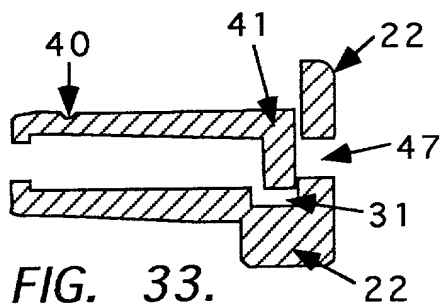
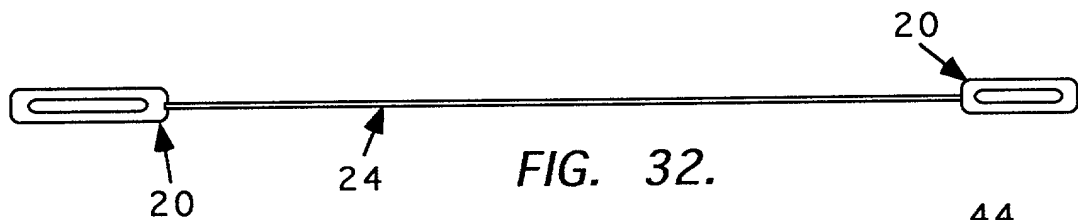
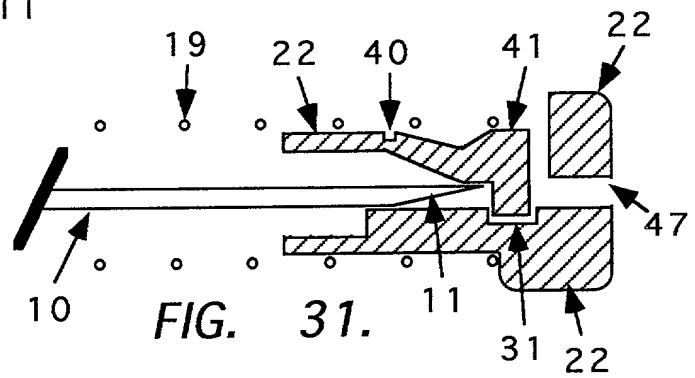
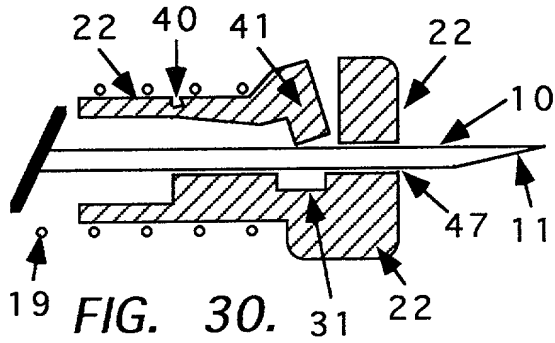
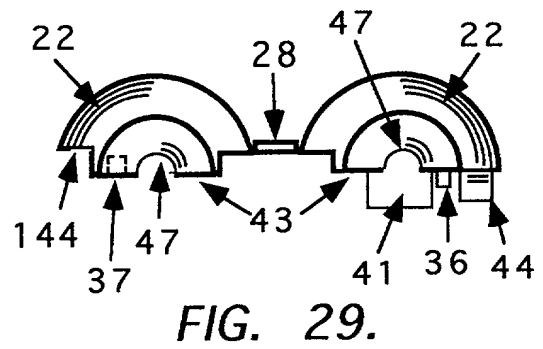
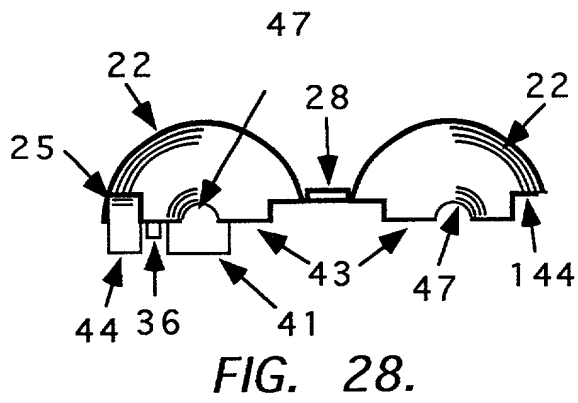


FIG. 27.



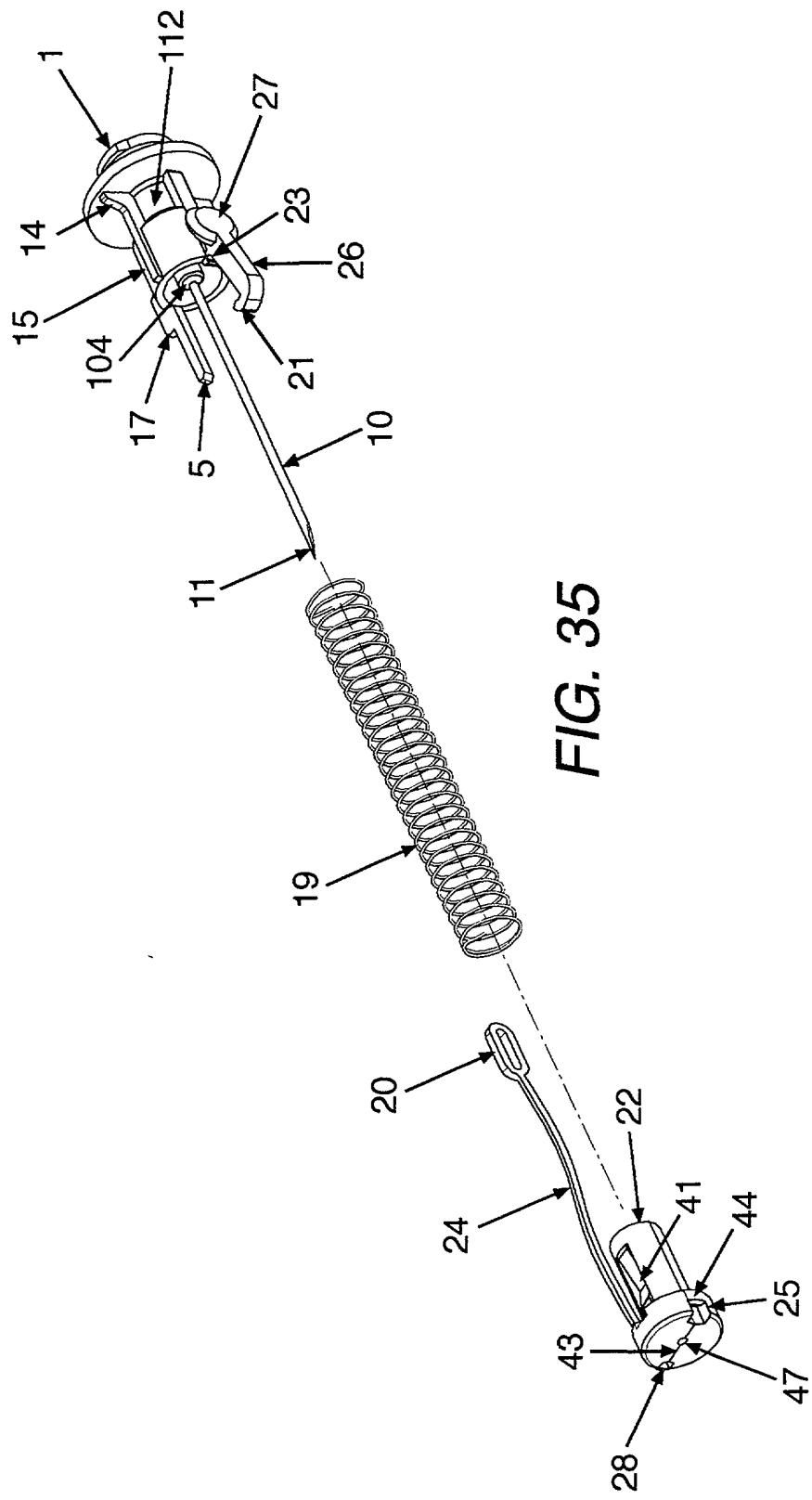
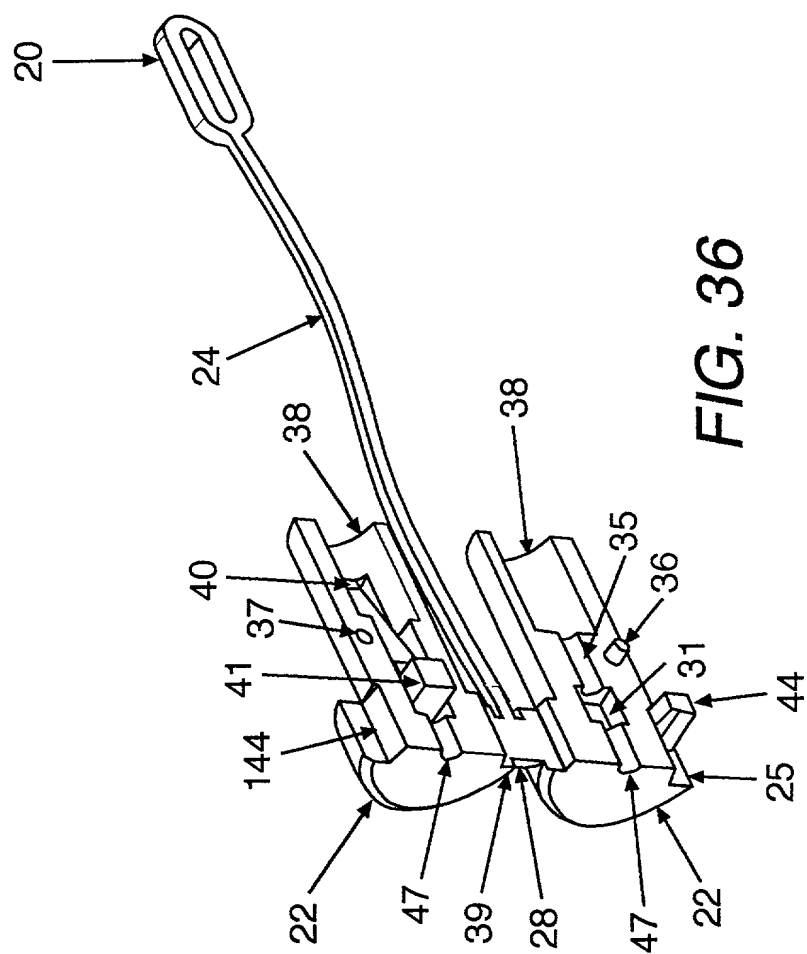


FIG. 35



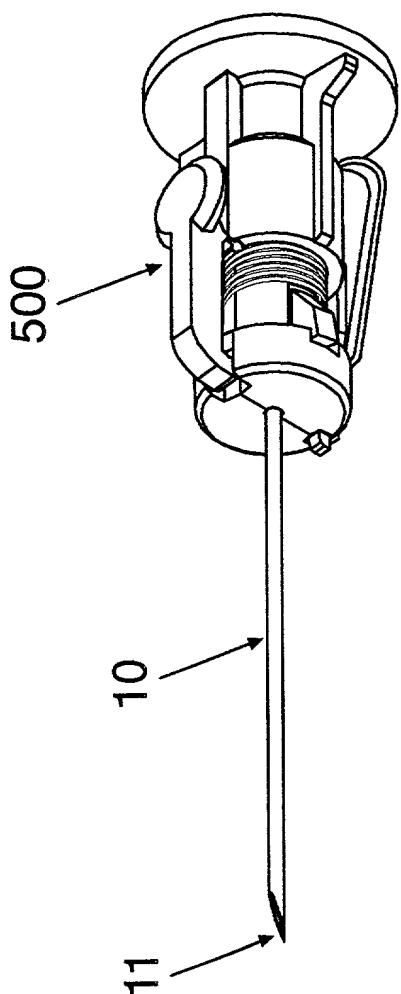


FIG. 37A

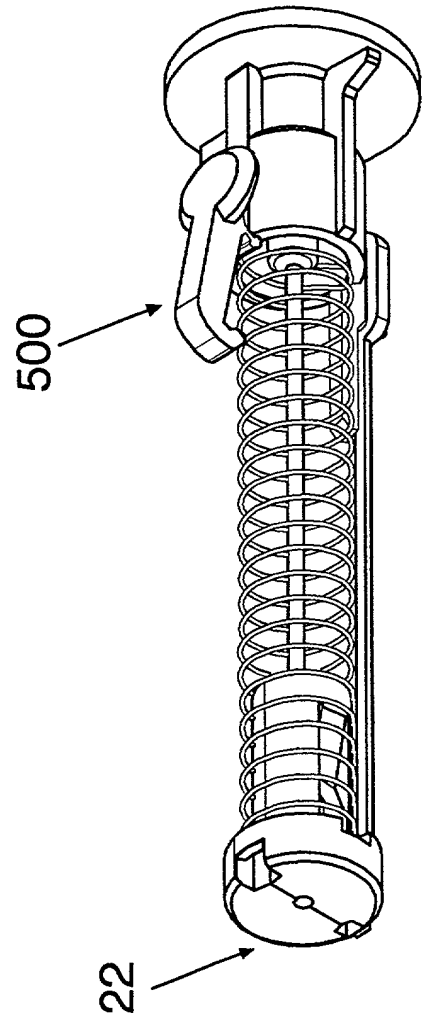


FIG. 37B

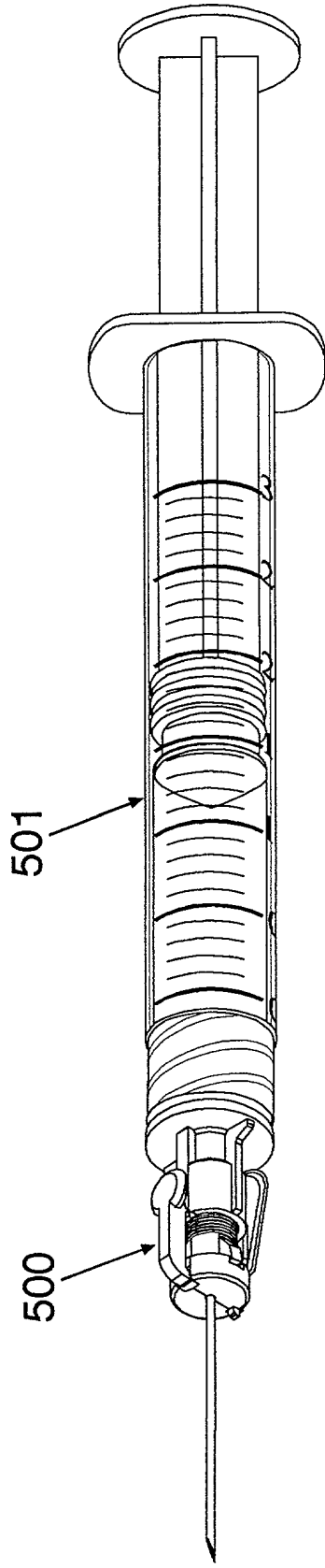


FIG. 38A

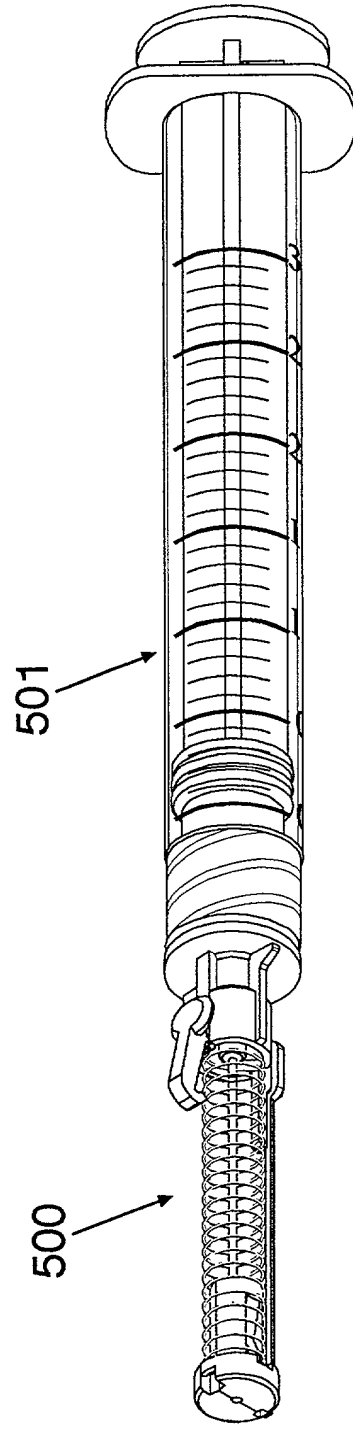


FIG. 38B

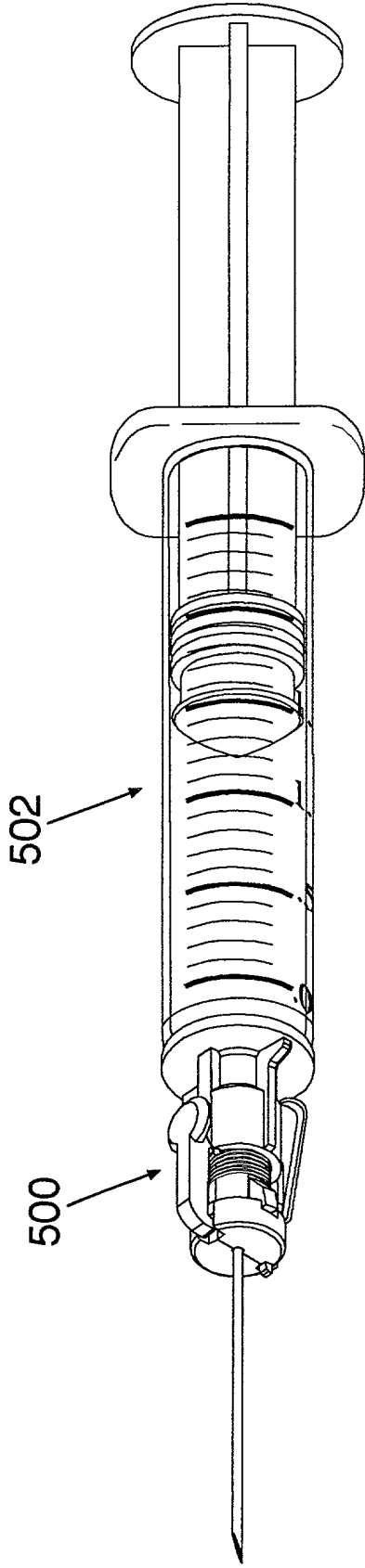


FIG. 39A

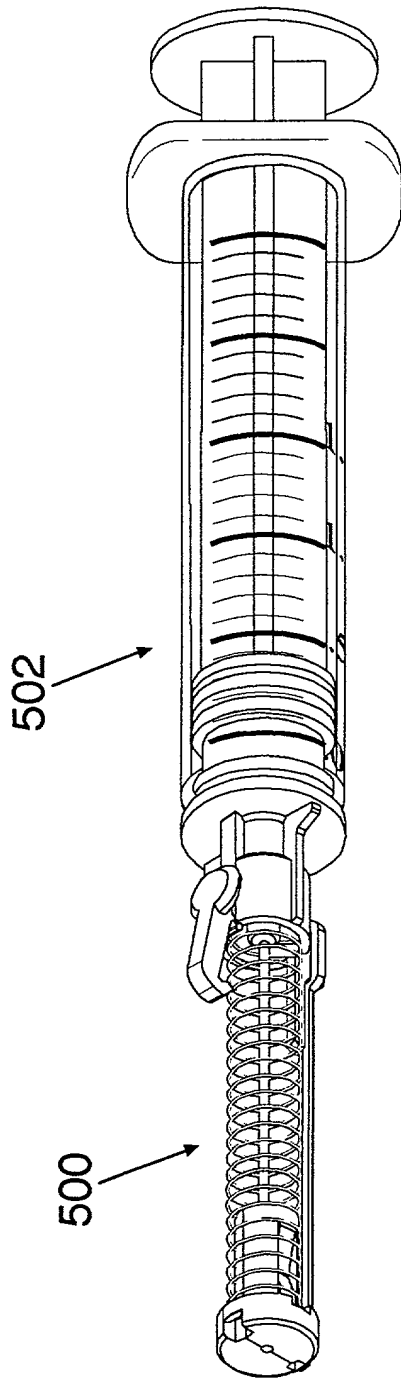


FIG. 39B

FIG. 40A is a perspective view of the device 100 in a retracted position. The device 100 includes a handle 110, a trigger 120, a spring 130, and a needle 140. The handle 110 is connected to the trigger 120, which is connected to the spring 130. The spring 130 is connected to the needle 140. The needle 140 is in a retracted position, and the trigger 120 is in a retracted position. The device 100 is shown in a perspective view.

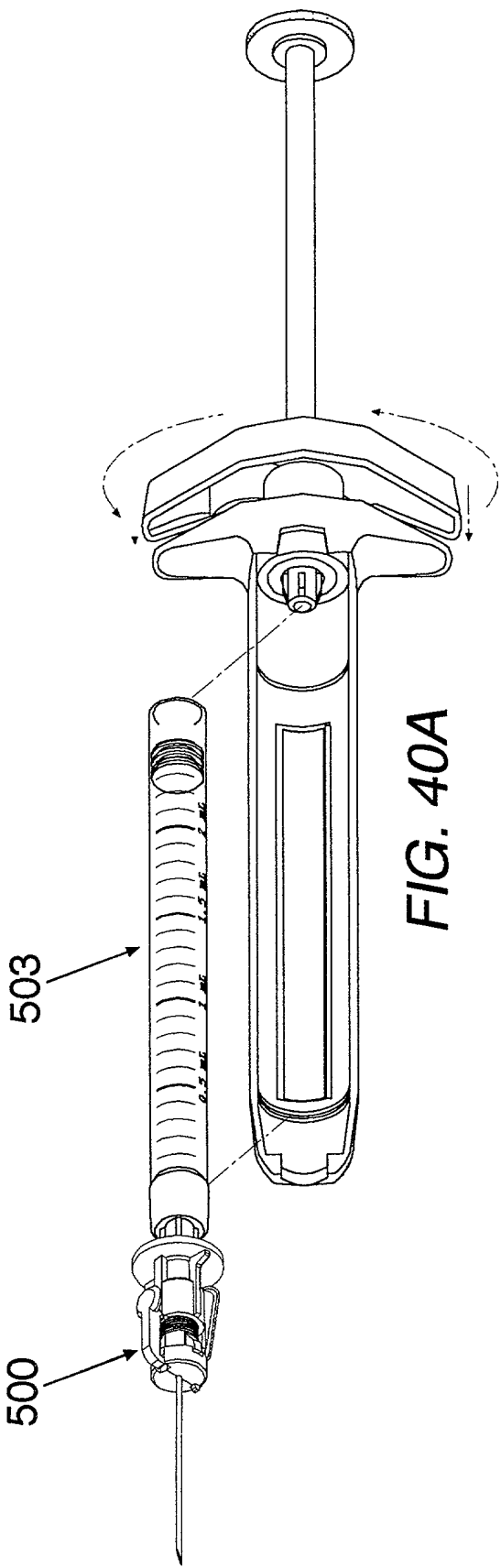


FIG. 40A

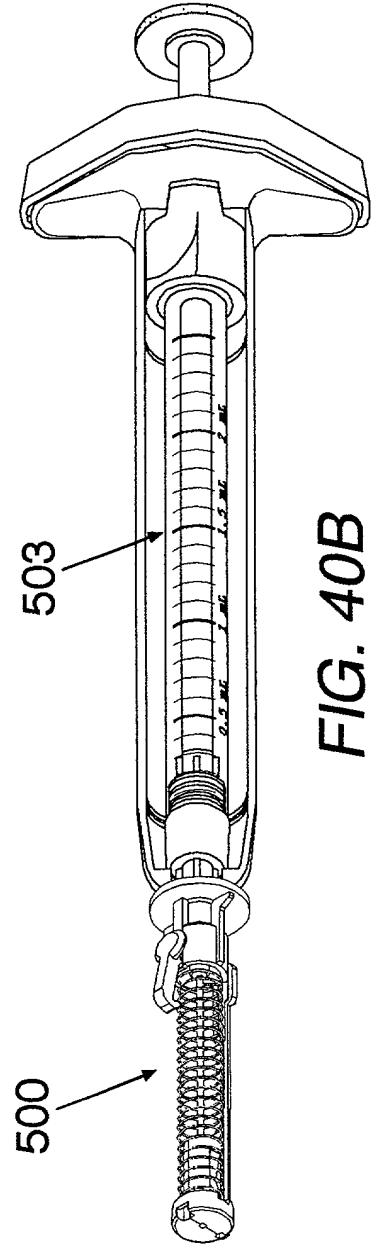


FIG. 40B

FIG. 41A is a perspective view of a medical device 500 in a first configuration. The device 500 includes a handle 504 and a needle 500. The handle 504 has a proximal end with a flange and a distal end with a needle 500. The needle 500 is in a retracted position, exposing the proximal end of the handle 504.

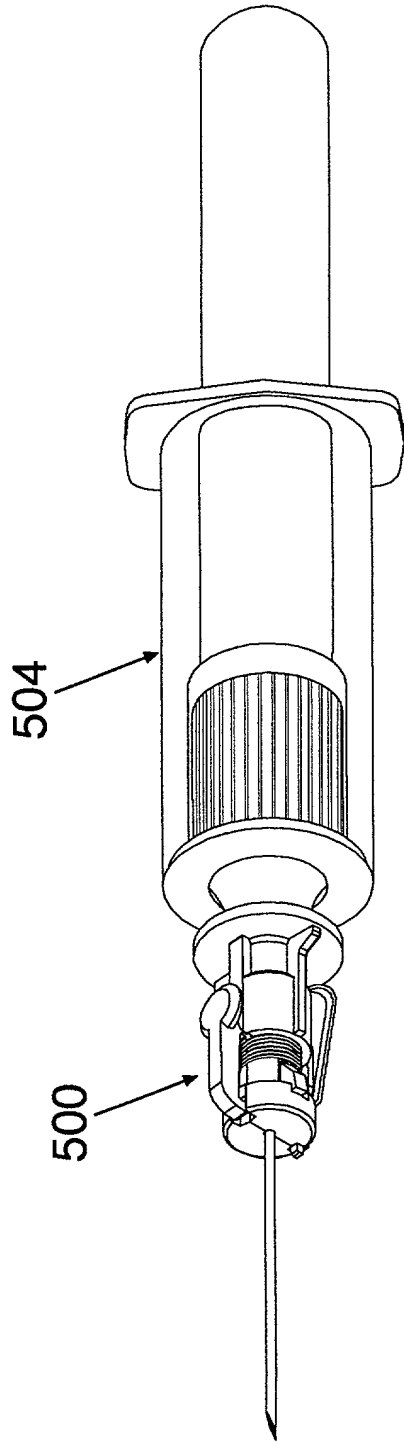


FIG. 41A

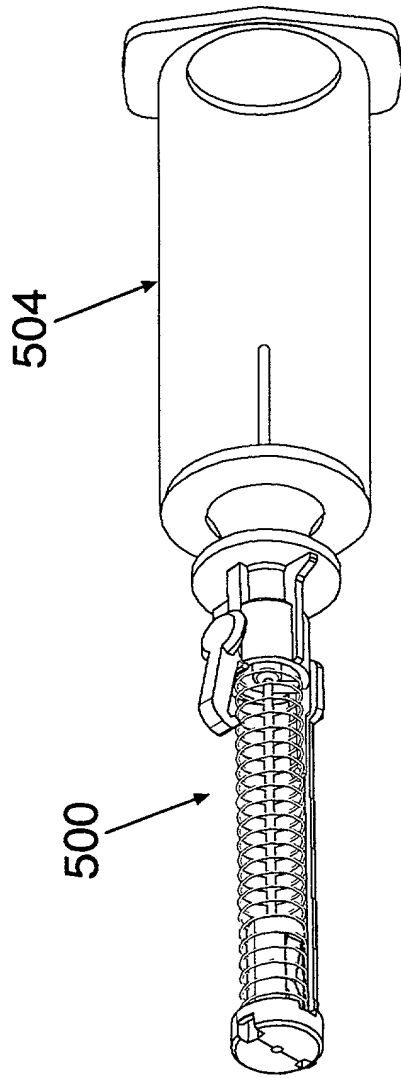


FIG. 41B

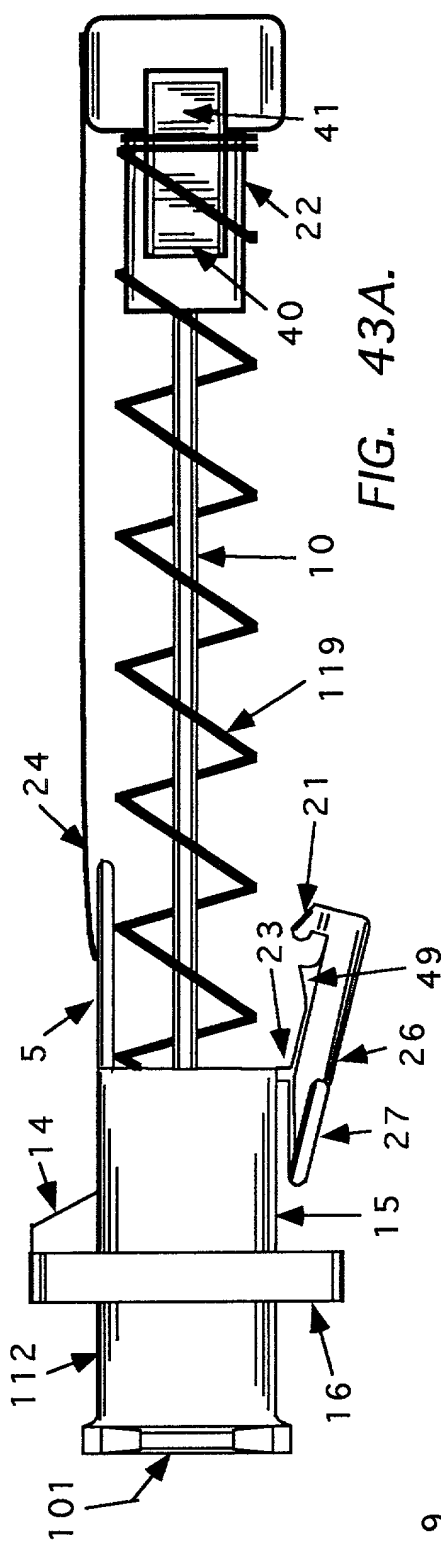


FIG. 43A.

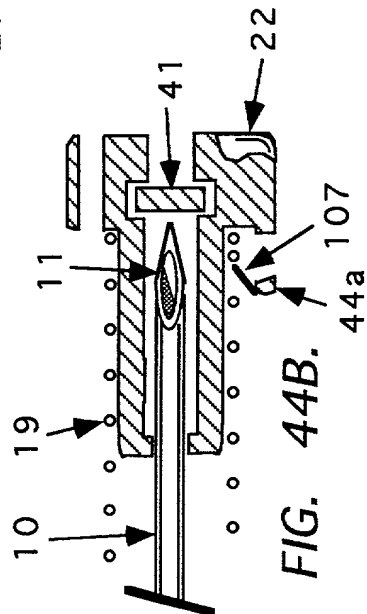


FIG. 44B.

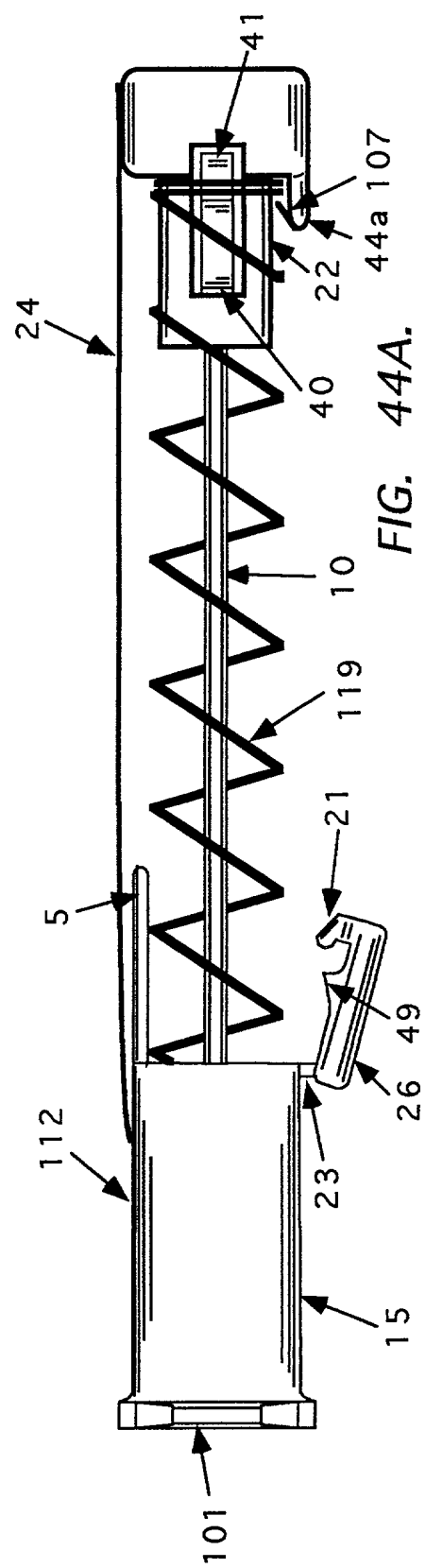


FIG. 44A.

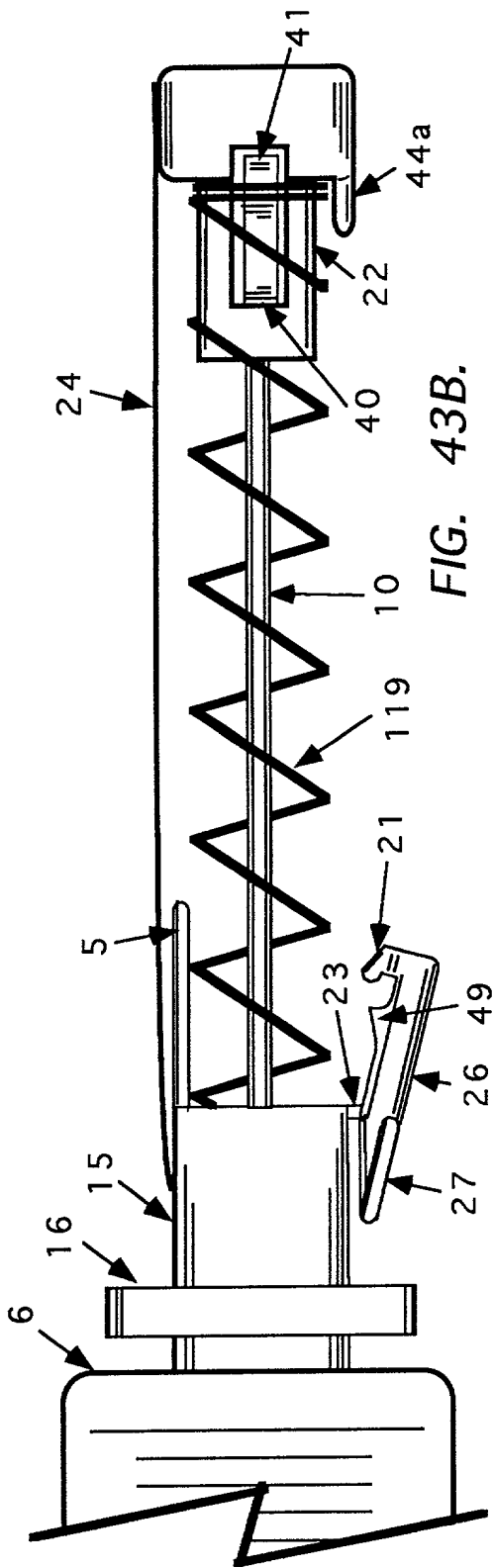


FIG. 43B.

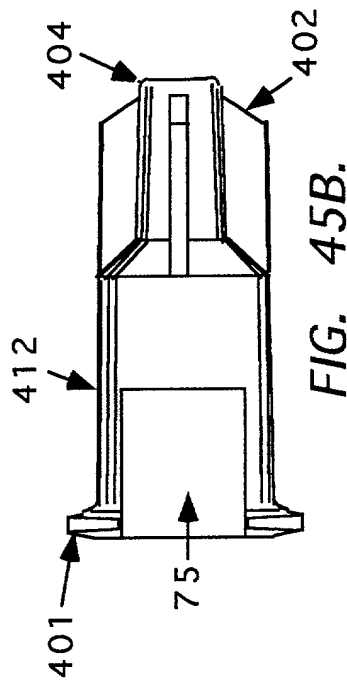


FIG. 45B.

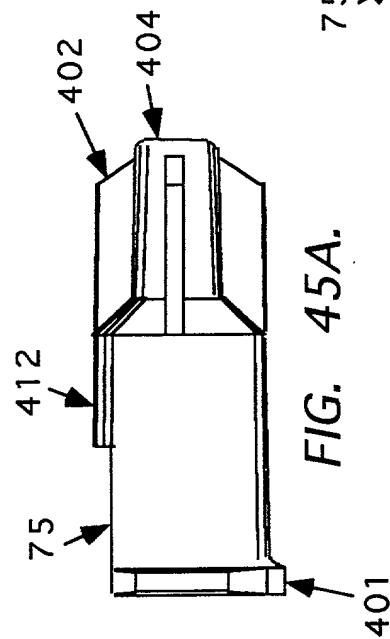


FIG. 45A.

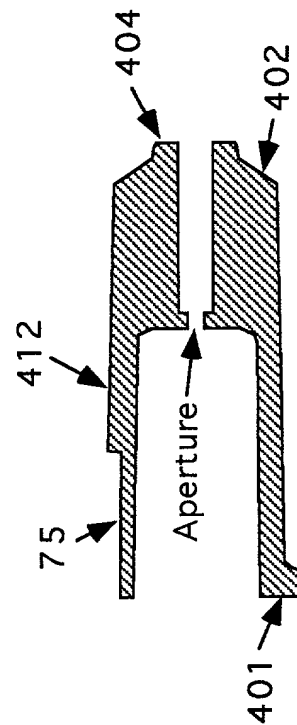


FIG. 45C.

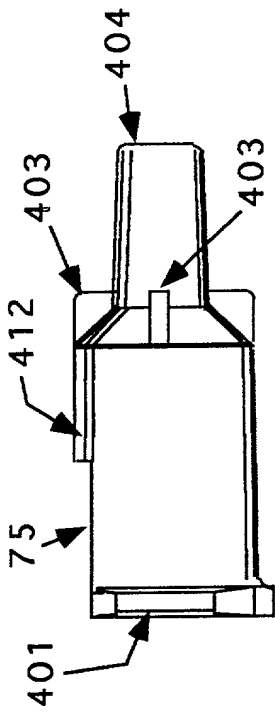


FIG. 46.

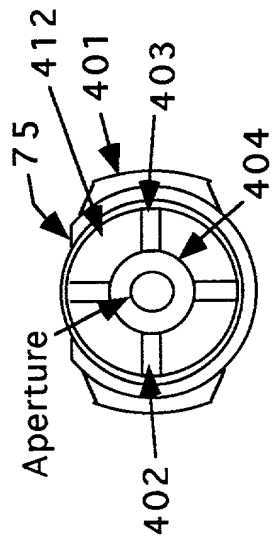


FIG. 47.

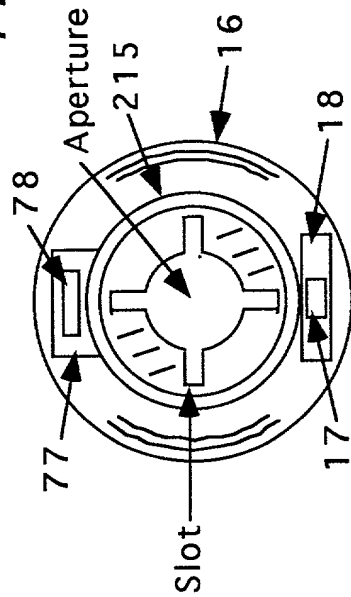


FIG. 48B.

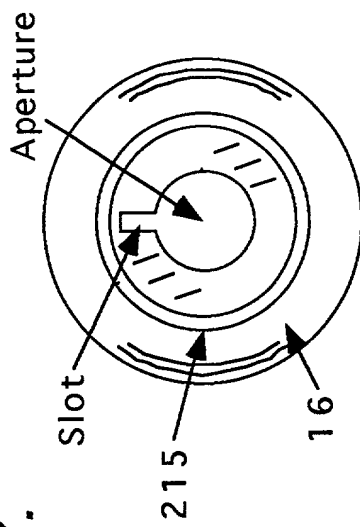


FIG. 48C.

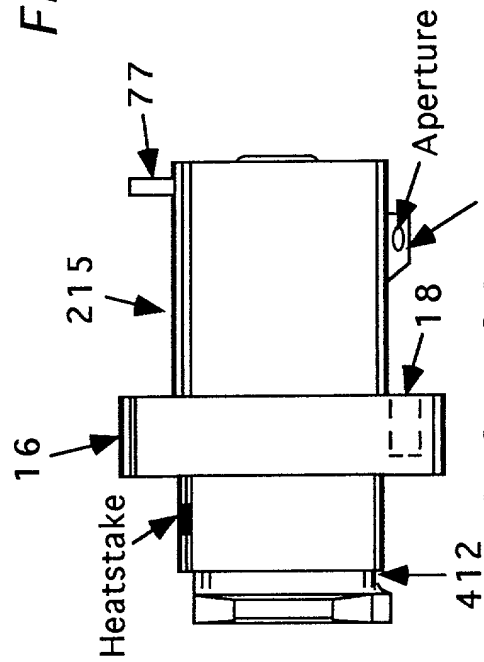


FIG. 48A.

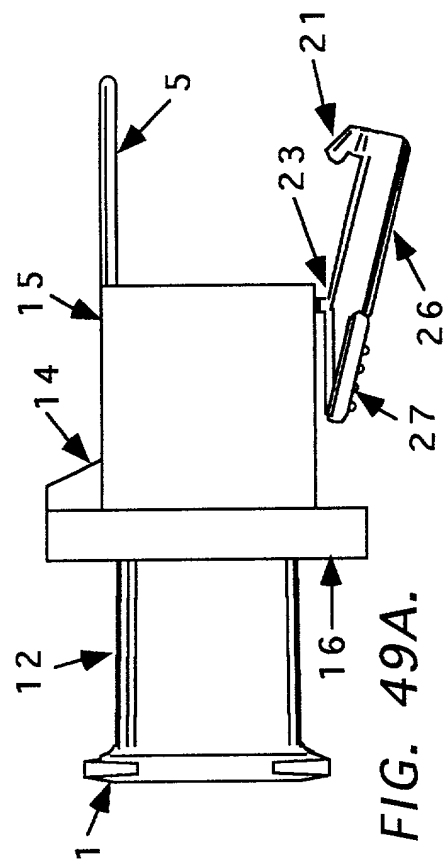


FIG. 49A.

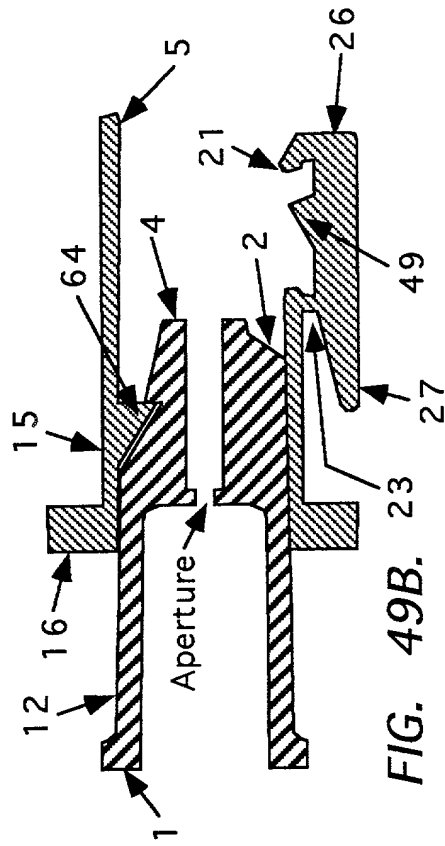


FIG. 49B.

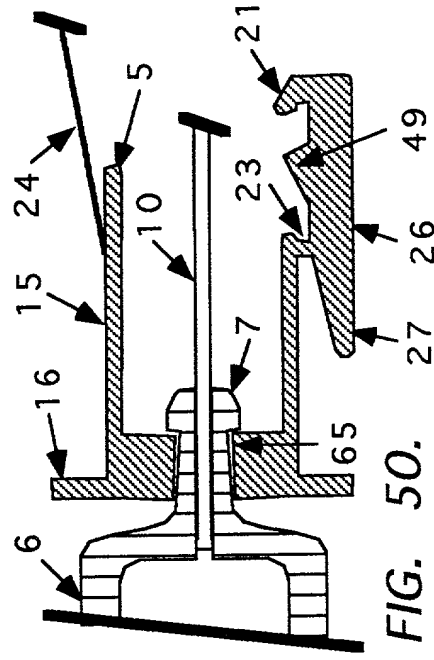


FIG. 50.

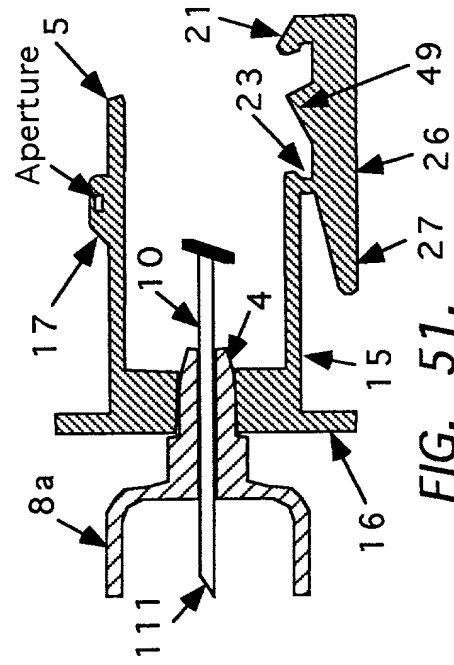


FIG. 51.

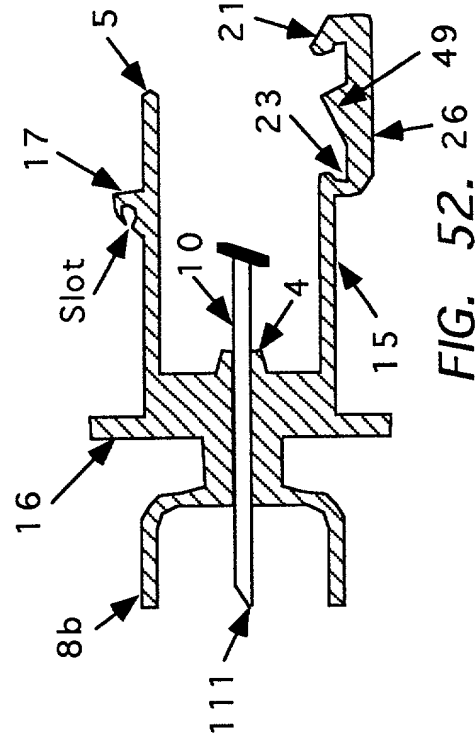
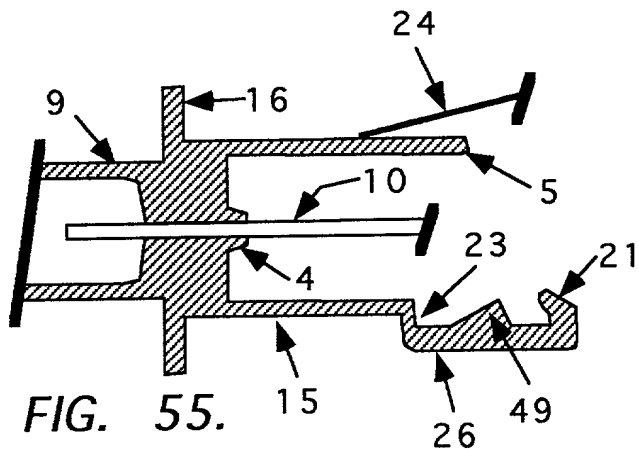
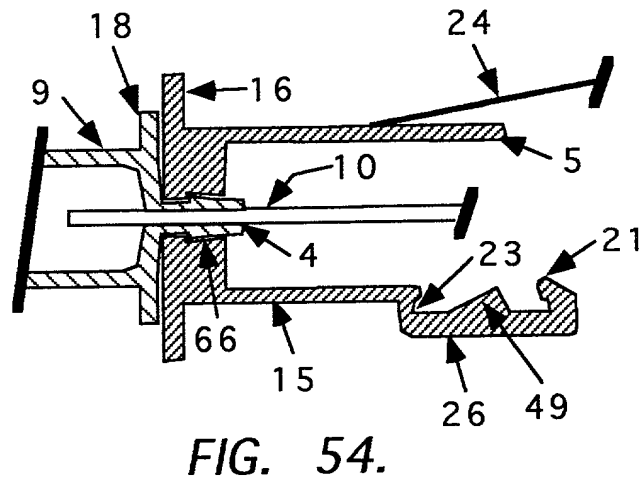
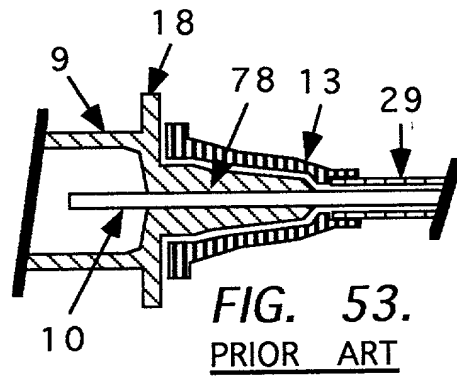


FIG. 52.



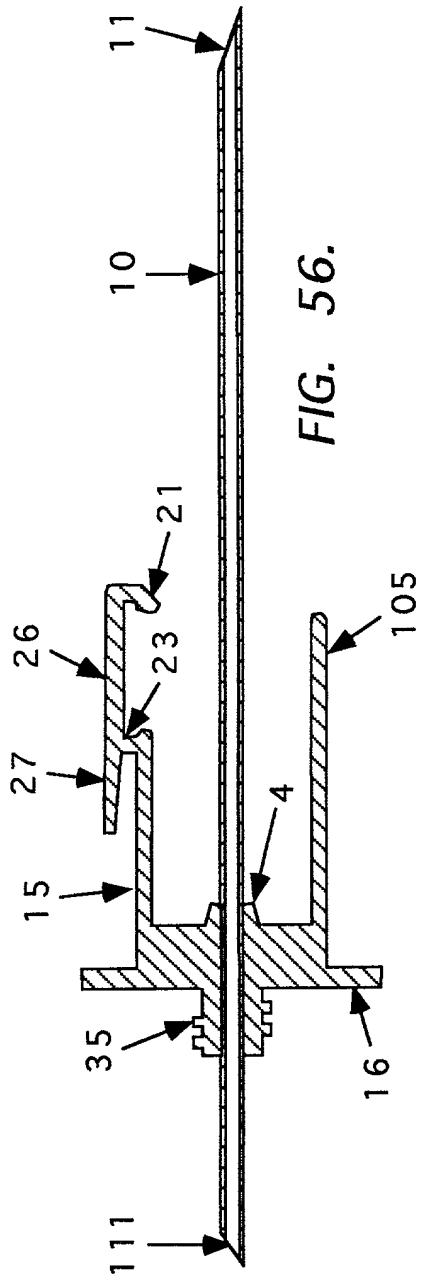


FIG. 56.

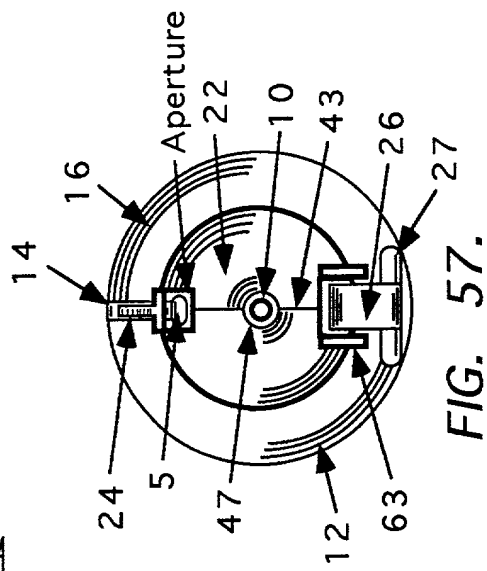


FIG. 57.

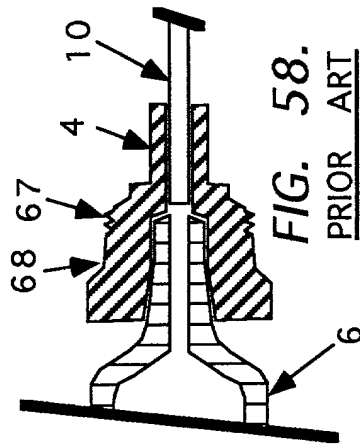


FIG. 58.
PRIOR ART

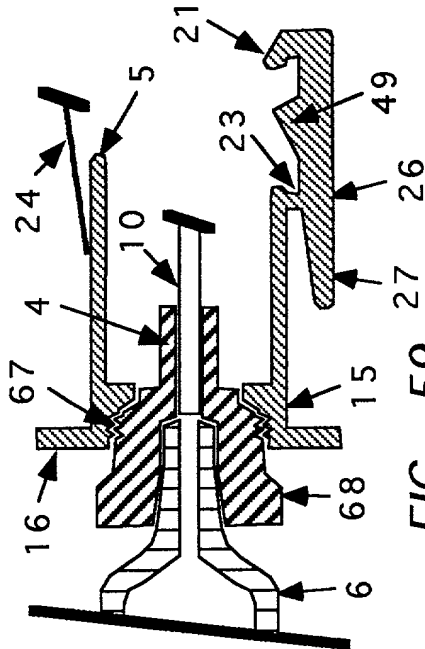


FIG. 59.

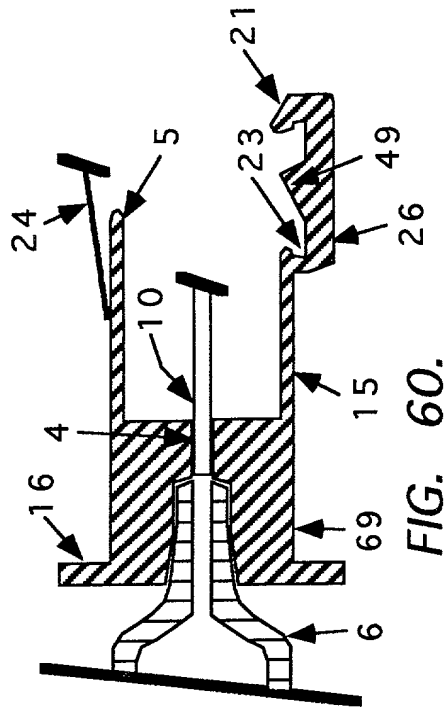


FIG. 60.

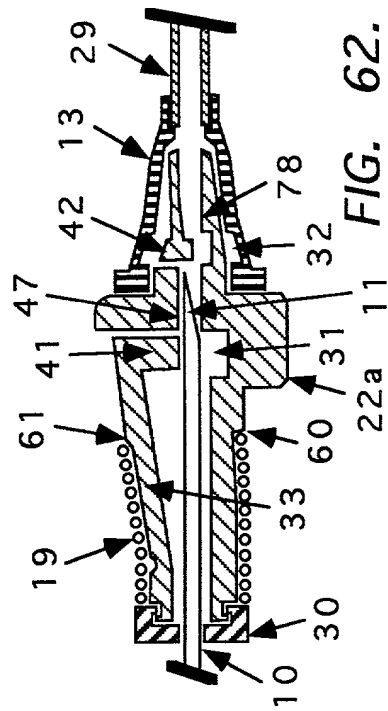


FIG. 62.

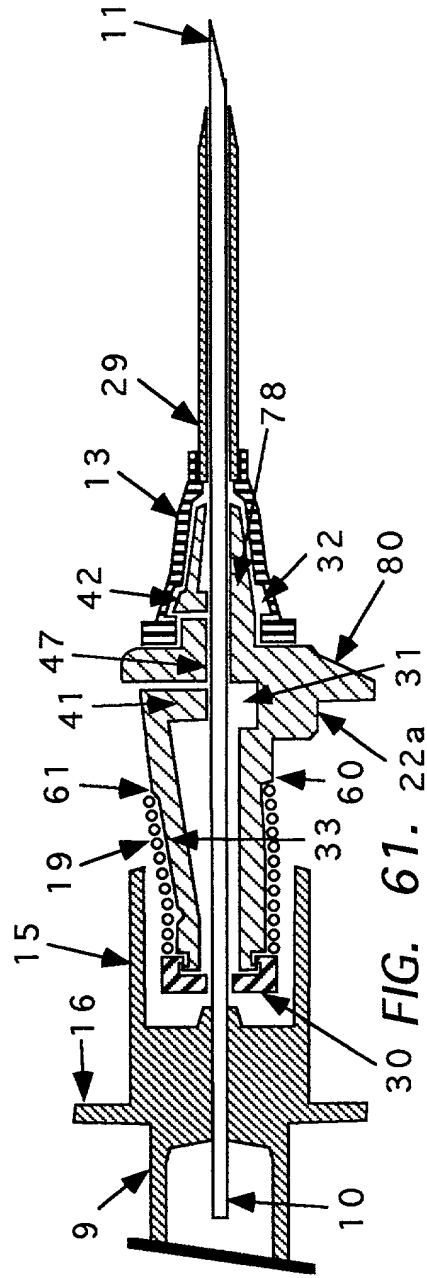


FIG. 61.

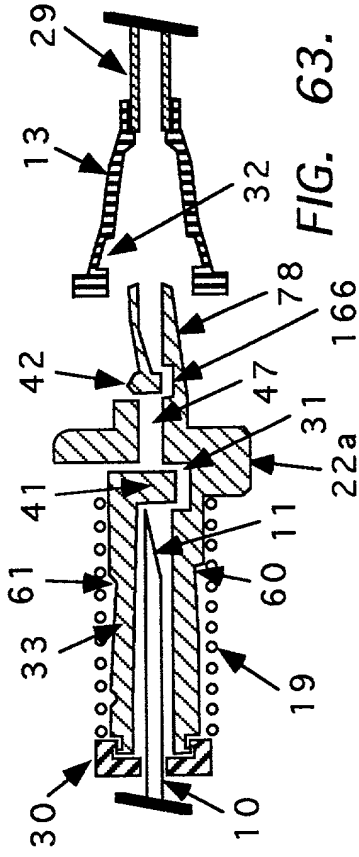


FIG. 63.

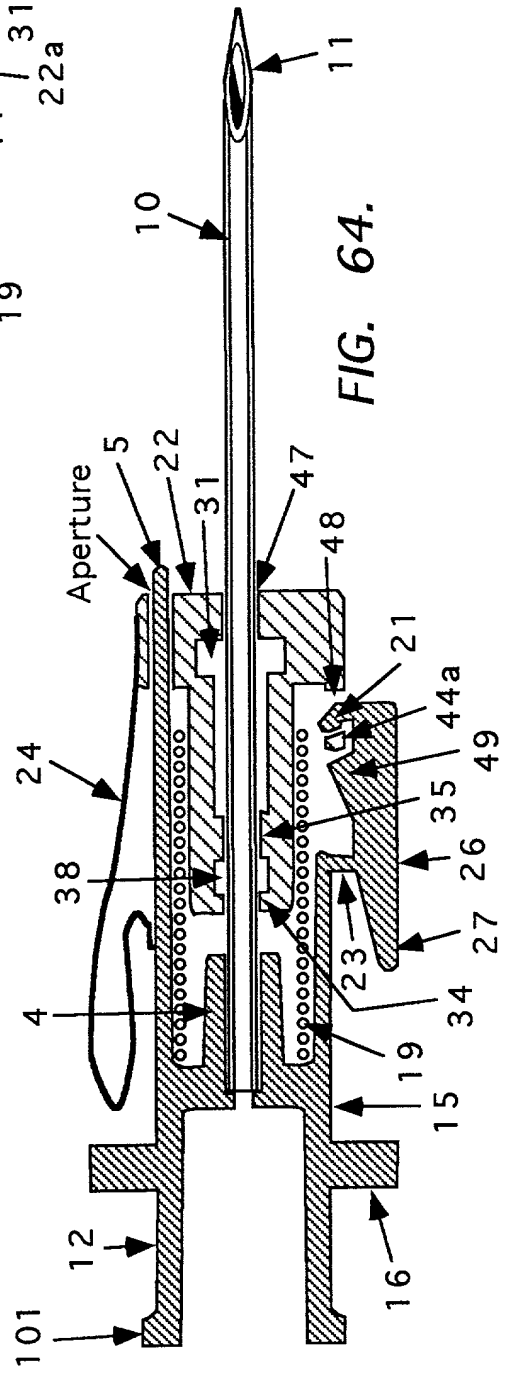


FIG. 64.

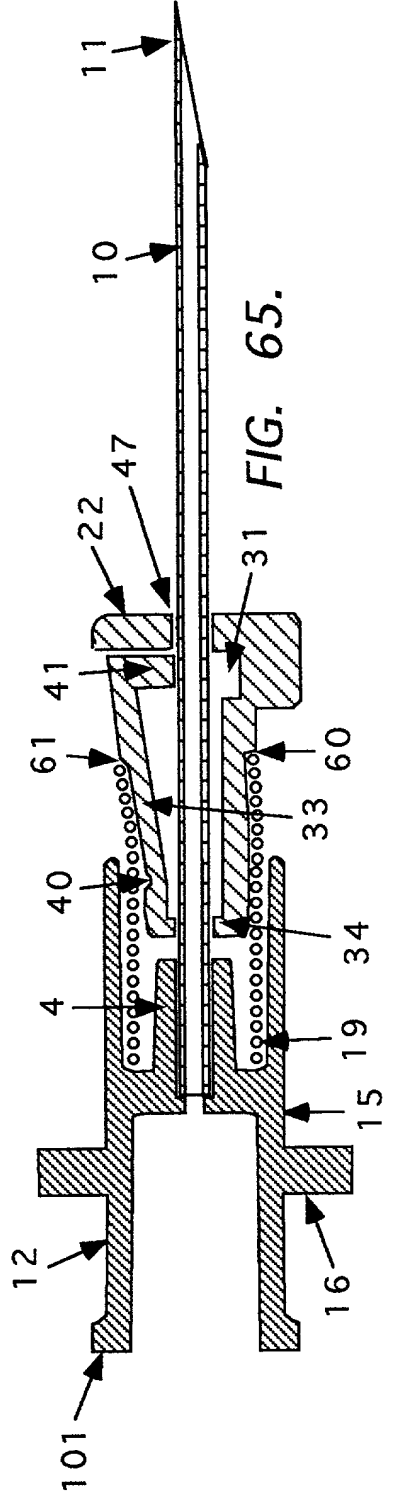
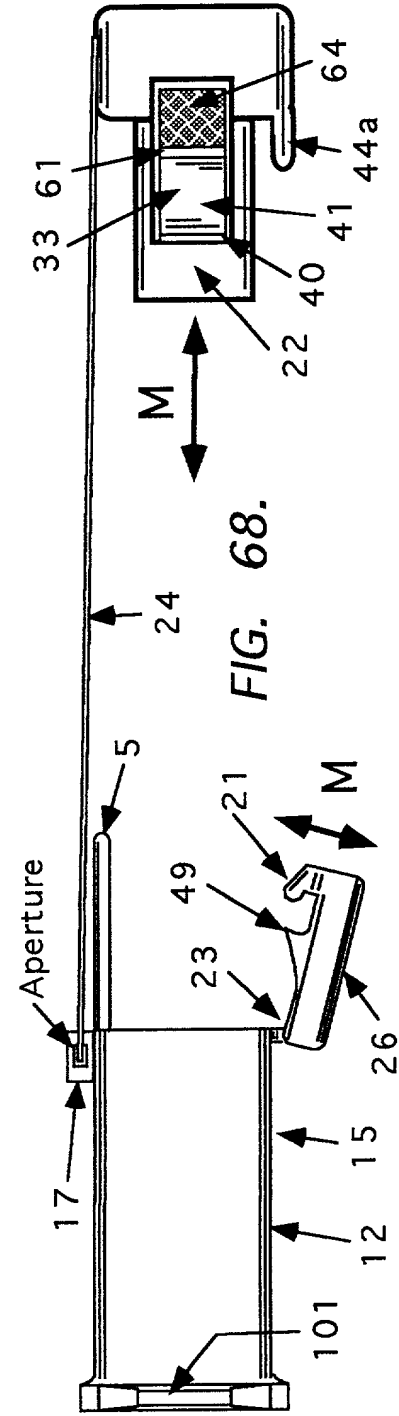
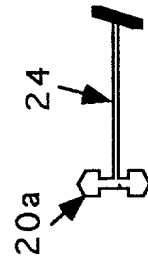
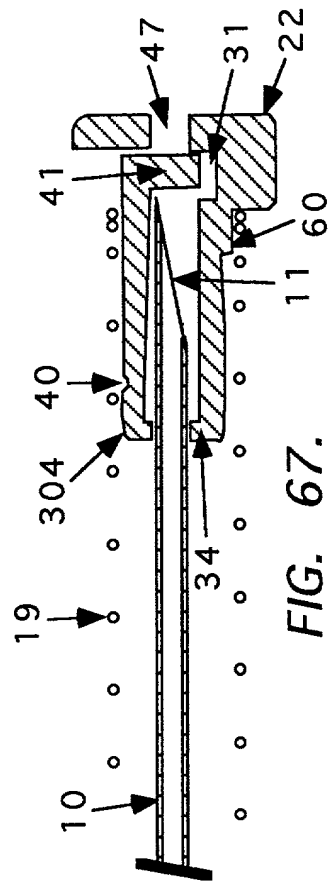
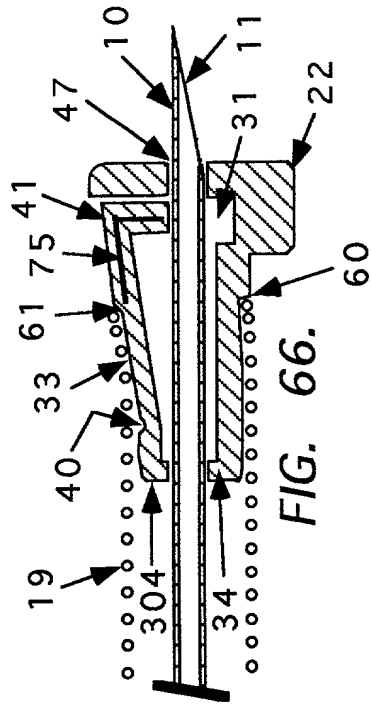


FIG. 65.



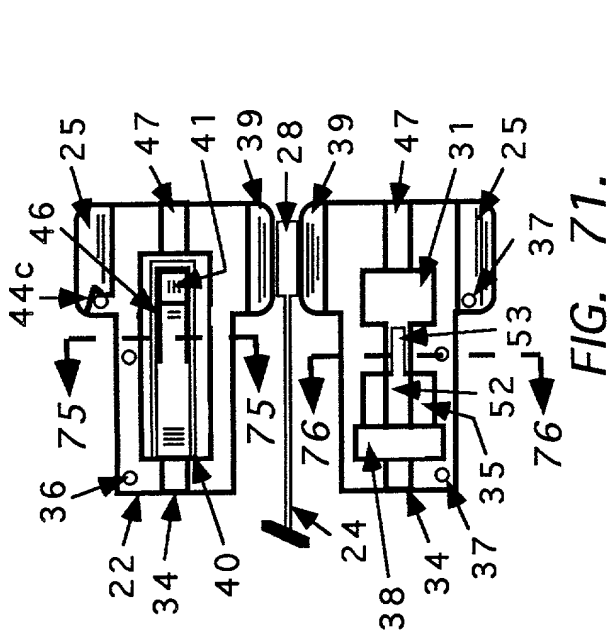


FIG. 71.

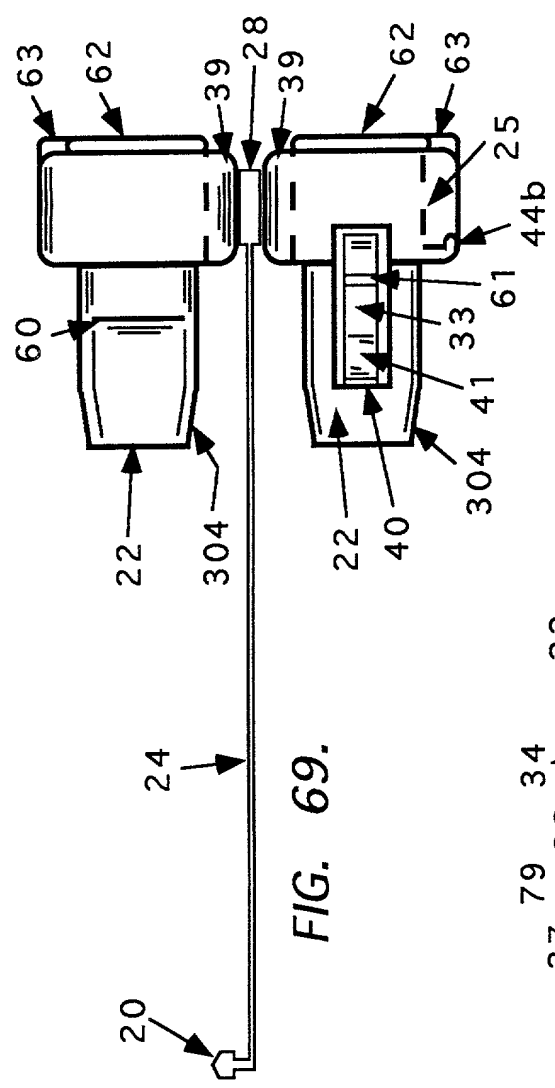


FIG. 69.

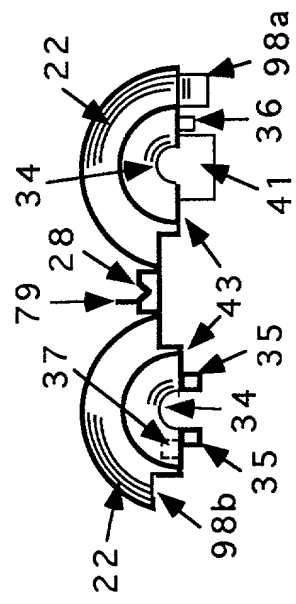


FIG. 73.

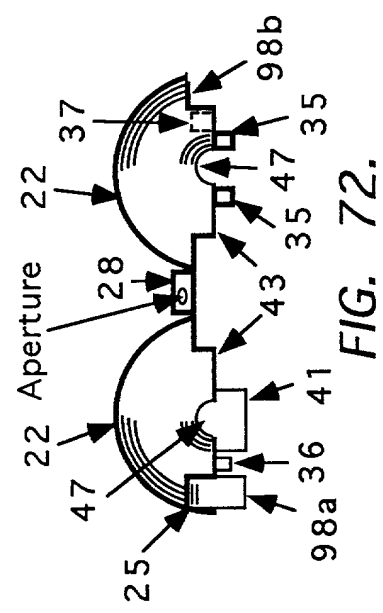


FIG. 72.

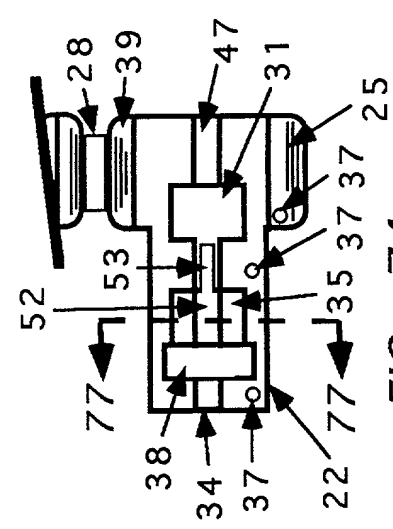


FIG. 74.

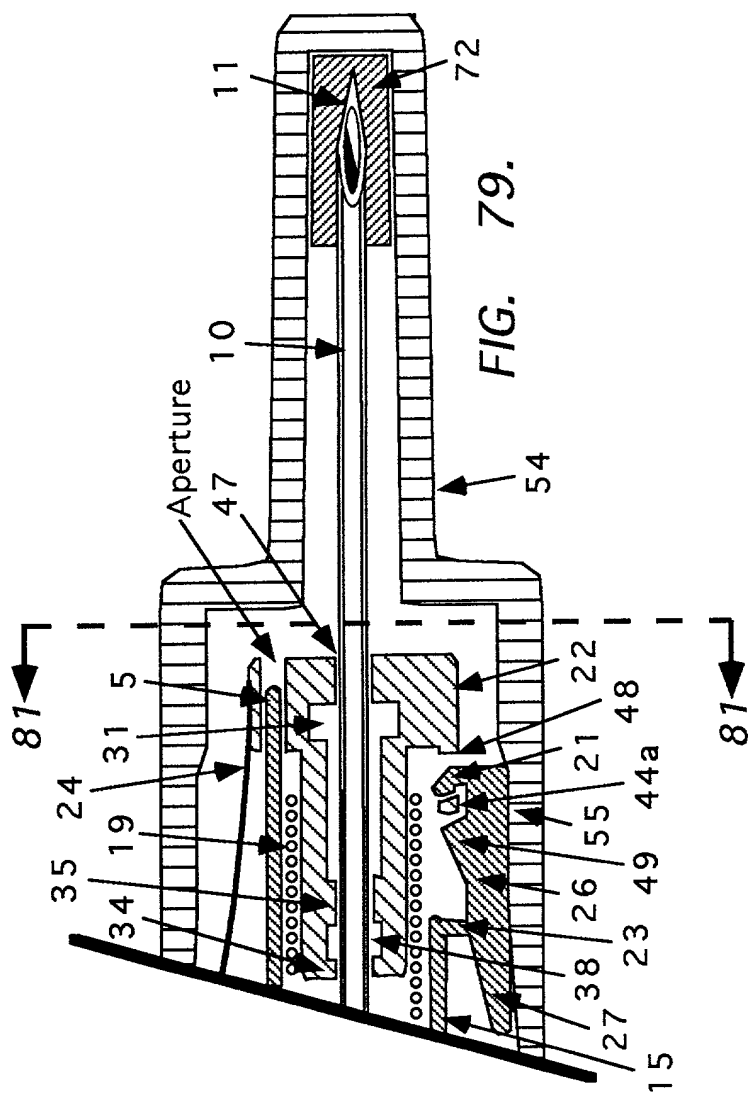


FIG. 79.

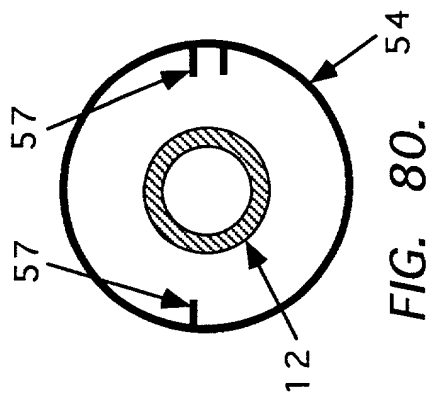


FIG. 80.

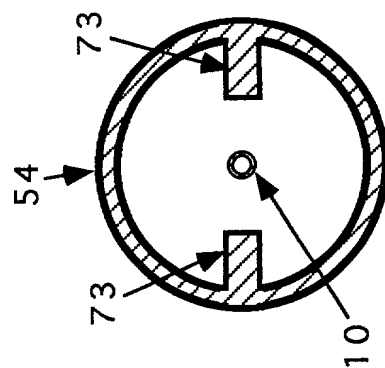


FIG. 81.

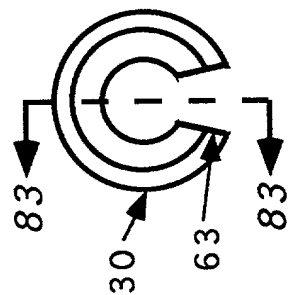
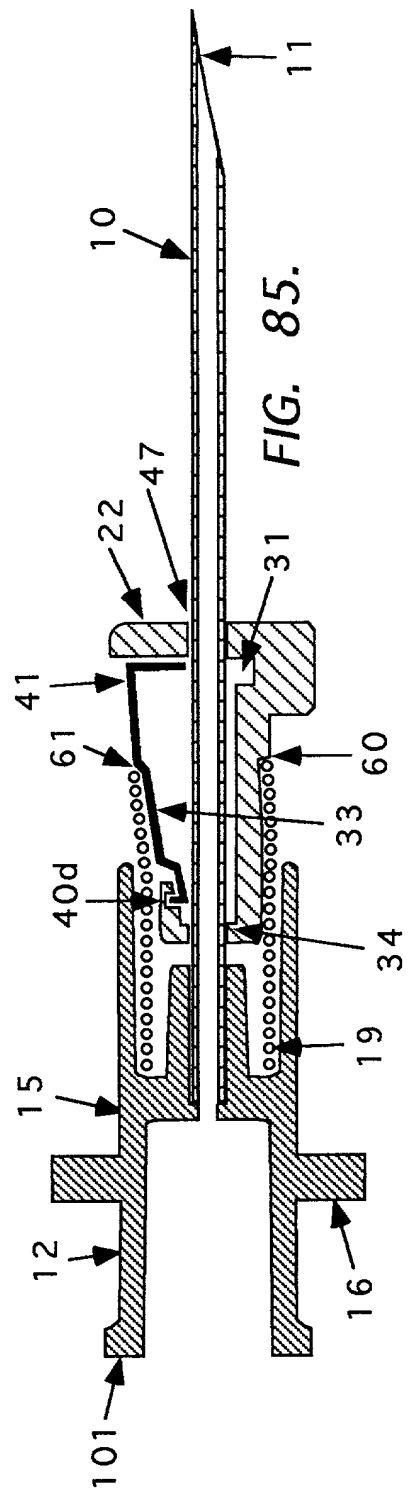
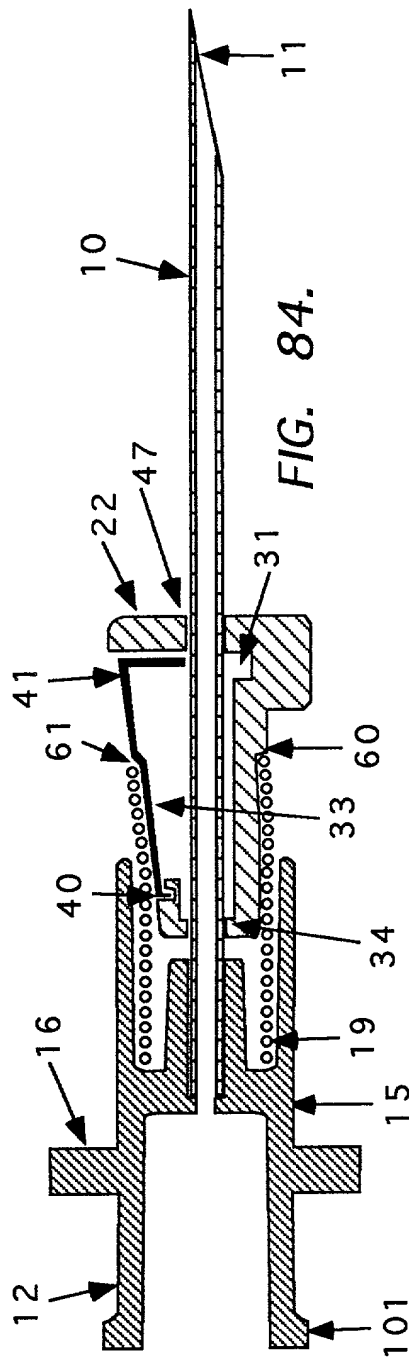
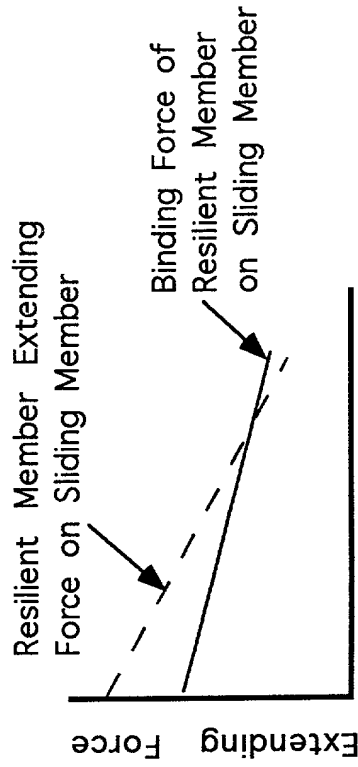


FIG. 82.



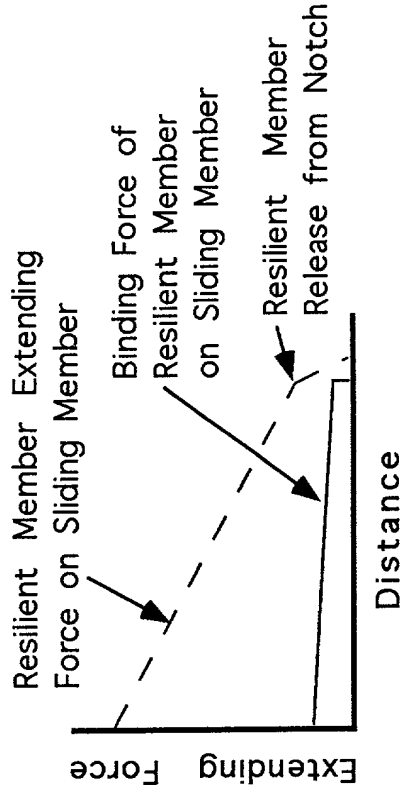
FIG. 83.





Resilient Member Extending Force On Sliding Member 22 Without Notch 60

FIG. 86.



Resilient Member Extending Force On Sliding Member 22 With Notch 60

FIG. 87.

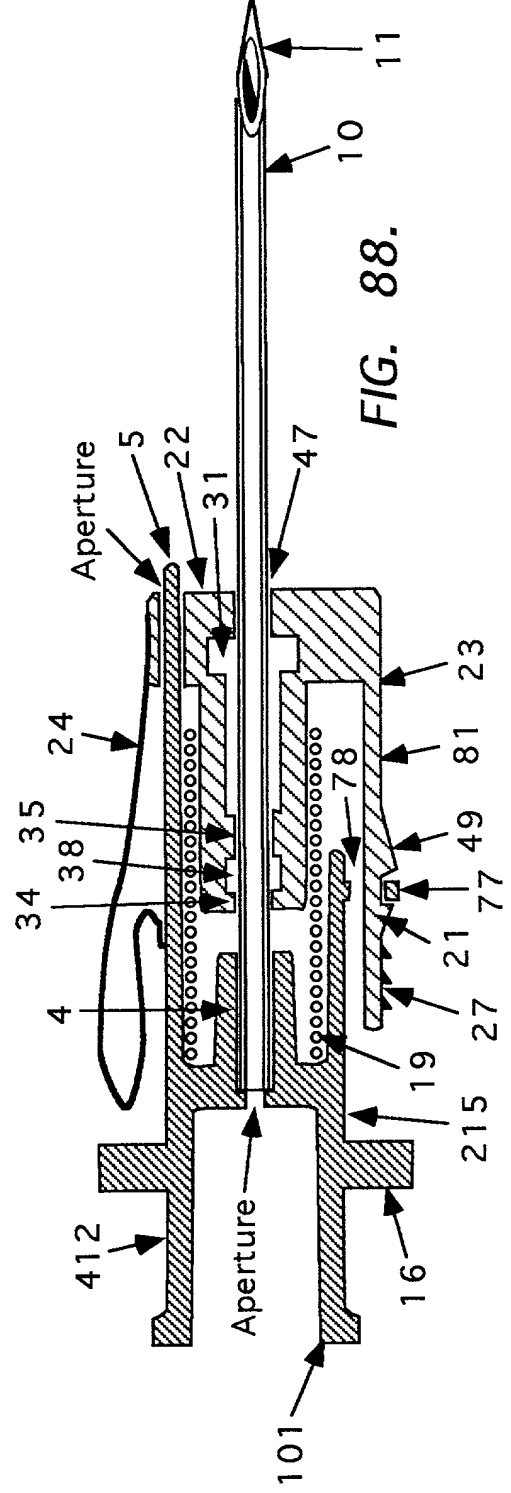
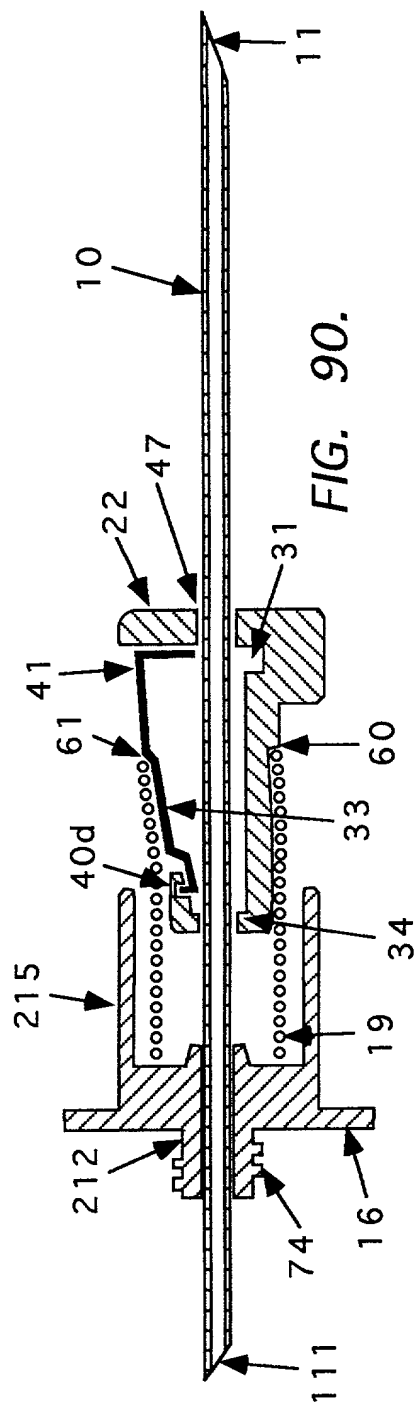
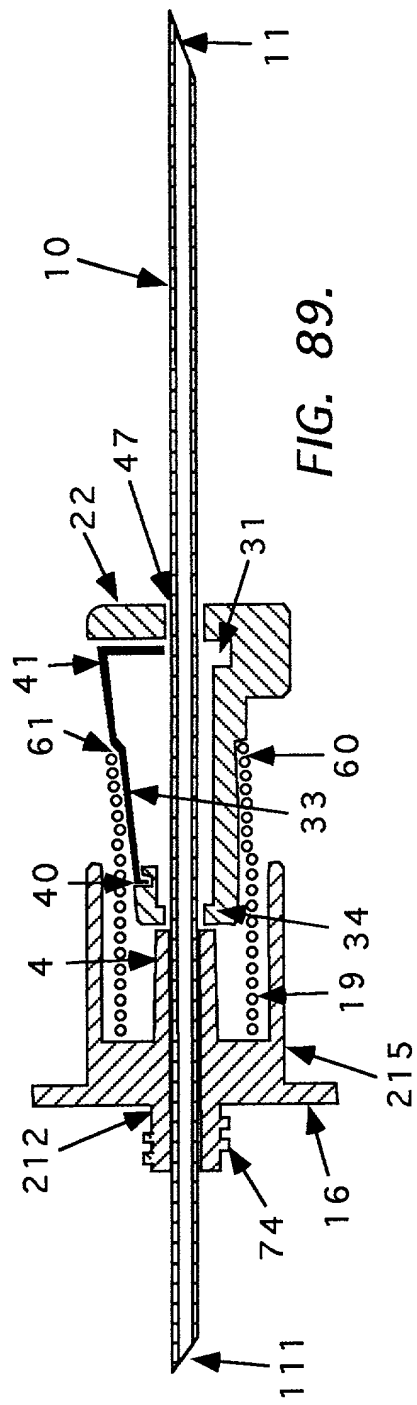


FIG. 88.



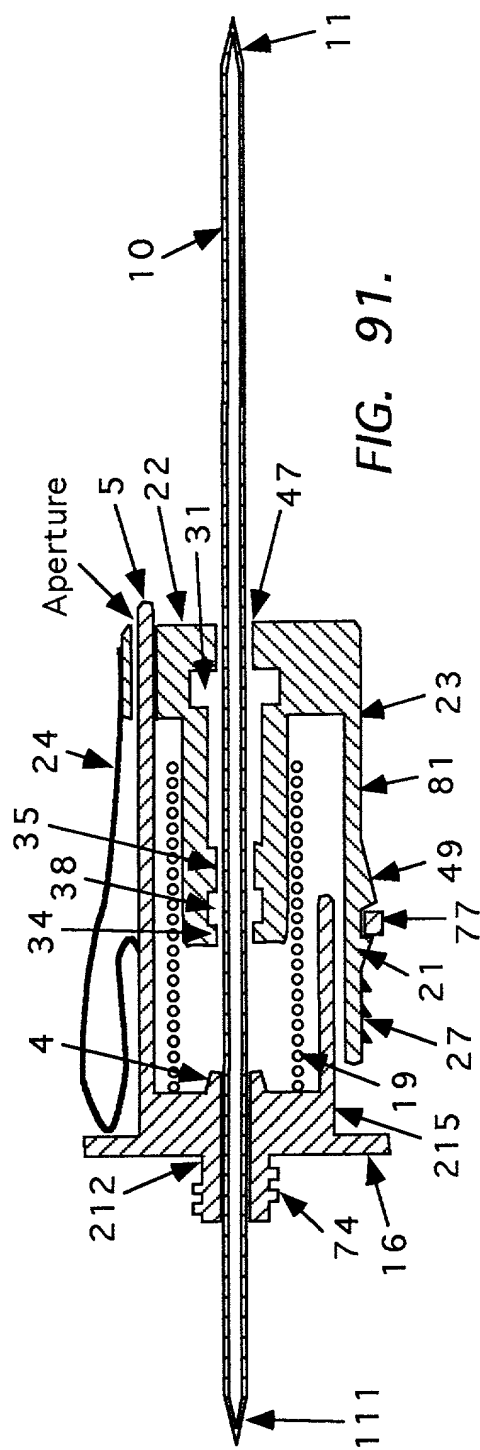


FIG. 91.

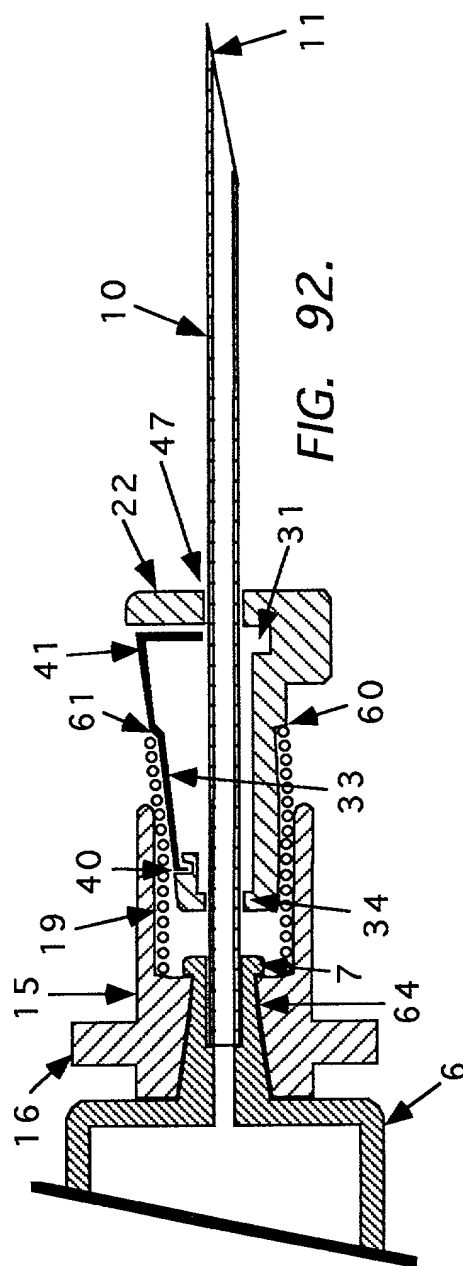


FIG. 92.

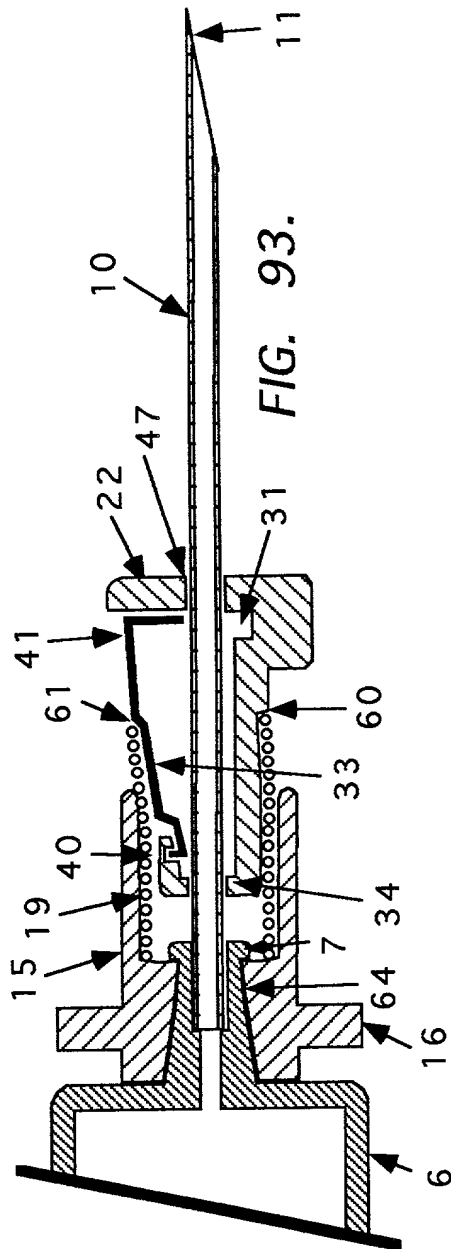


FIG. 93.

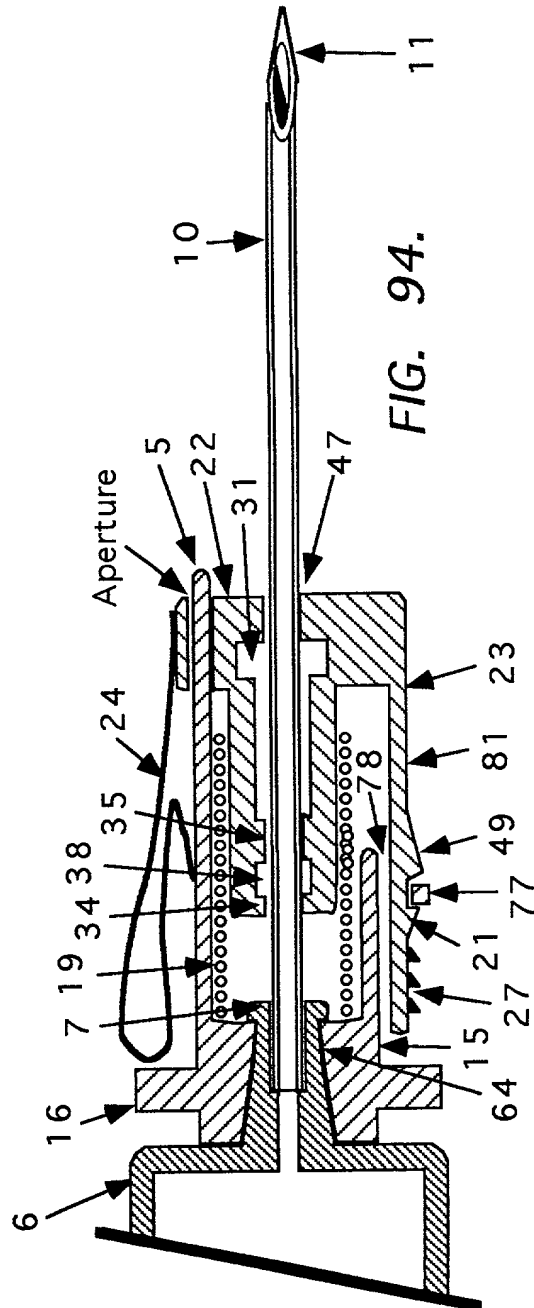
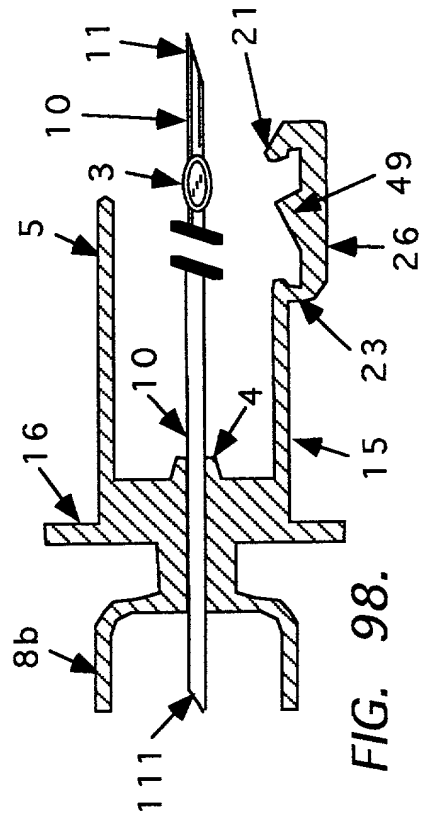
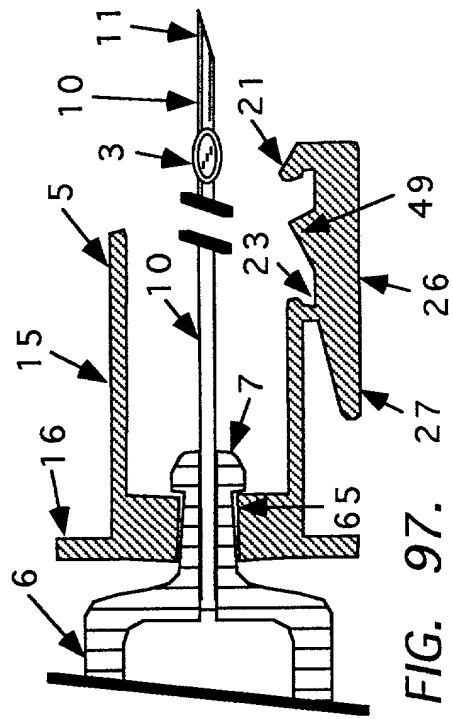
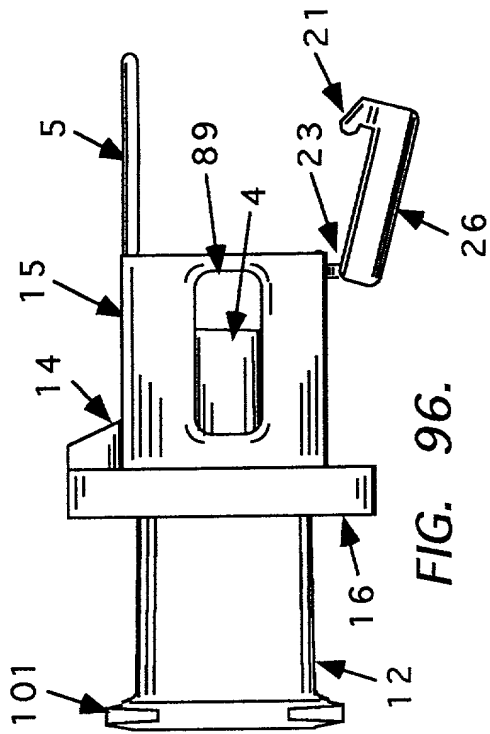
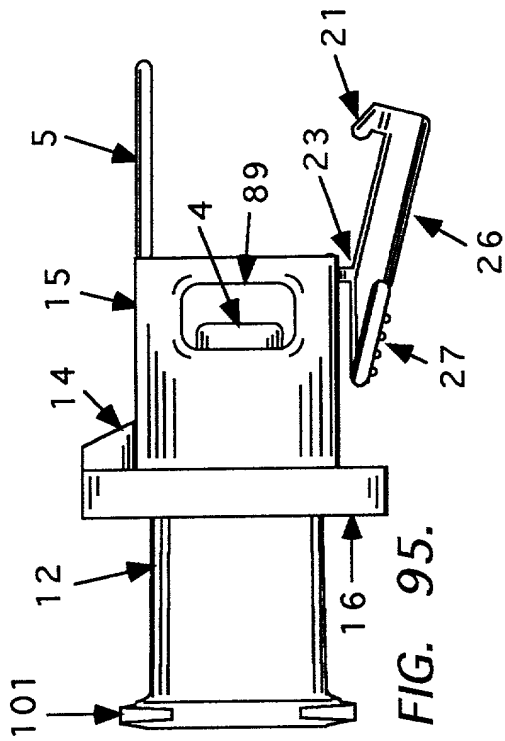
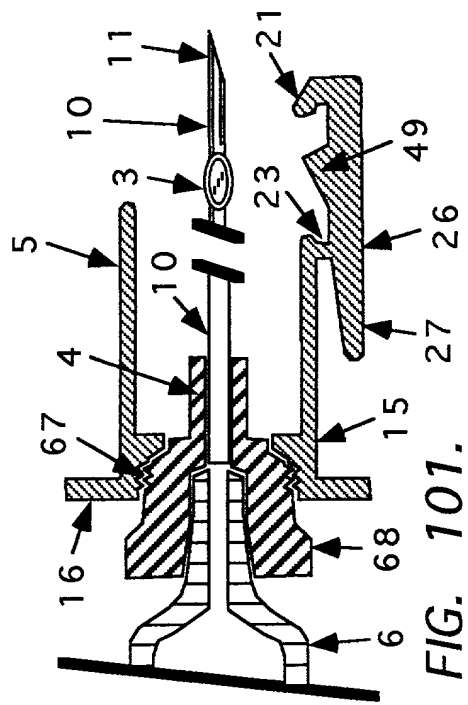
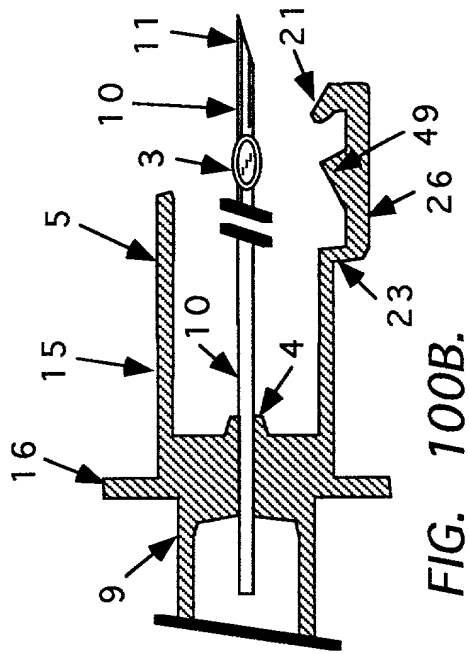
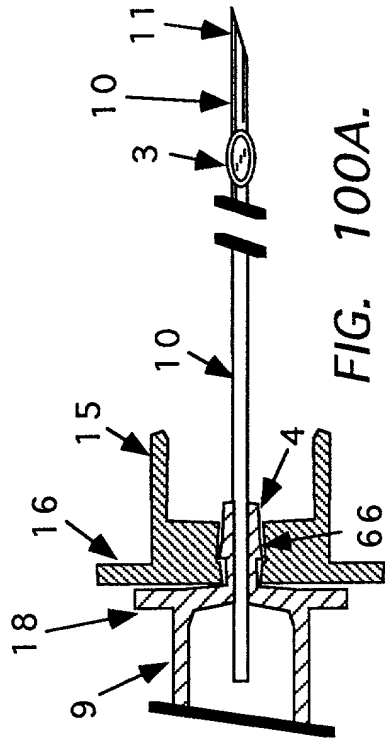
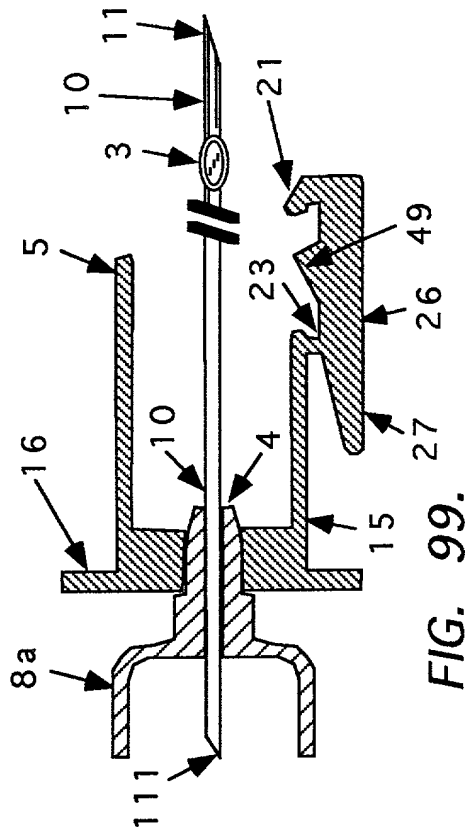
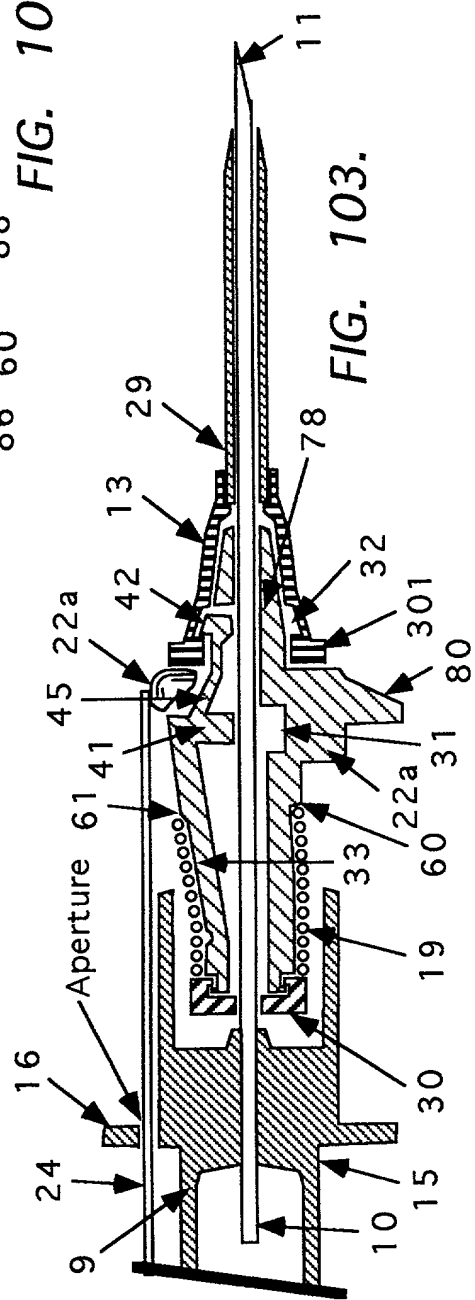
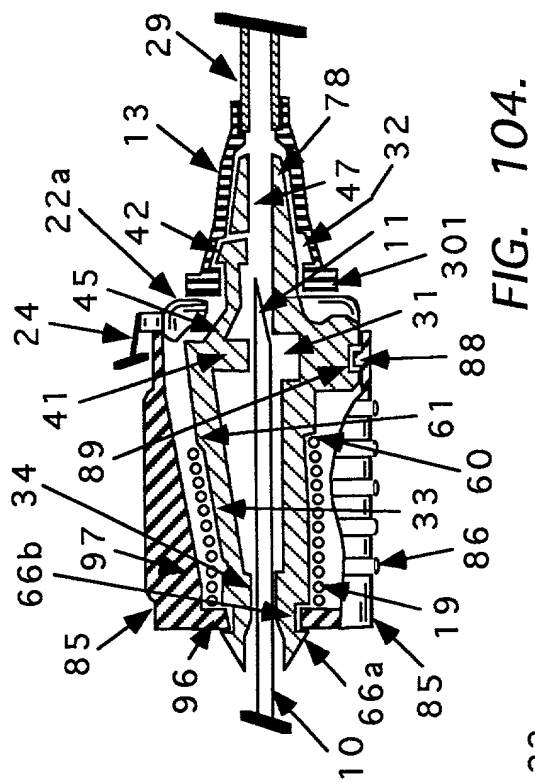
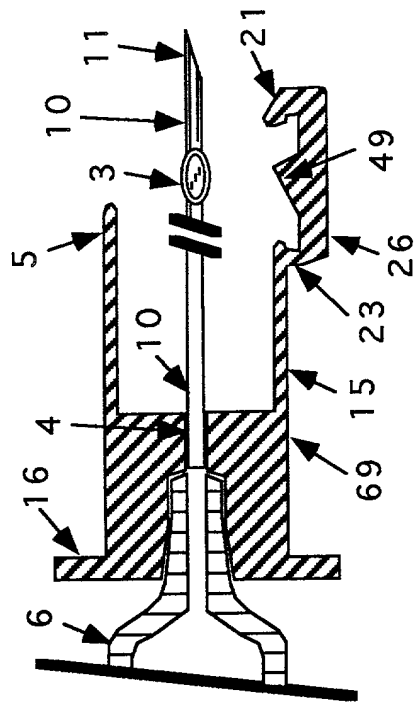
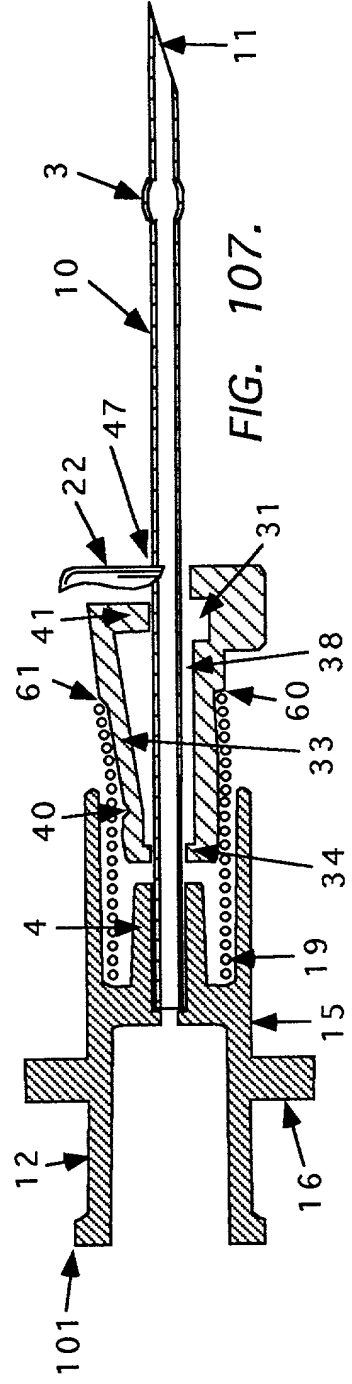
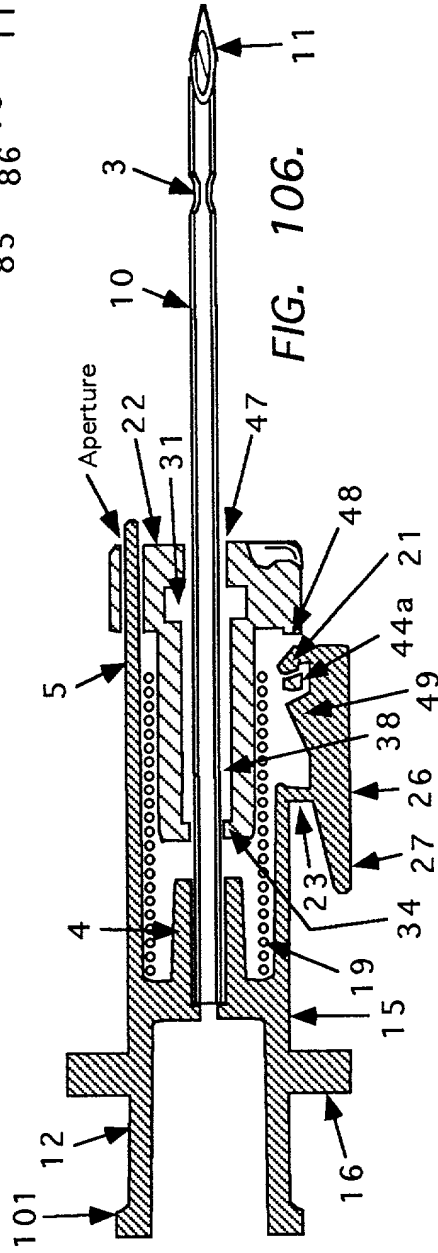
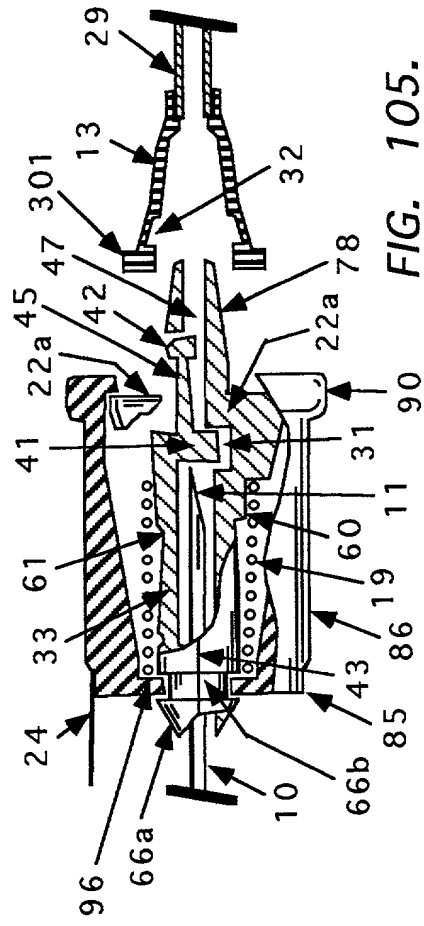


FIG. 94.









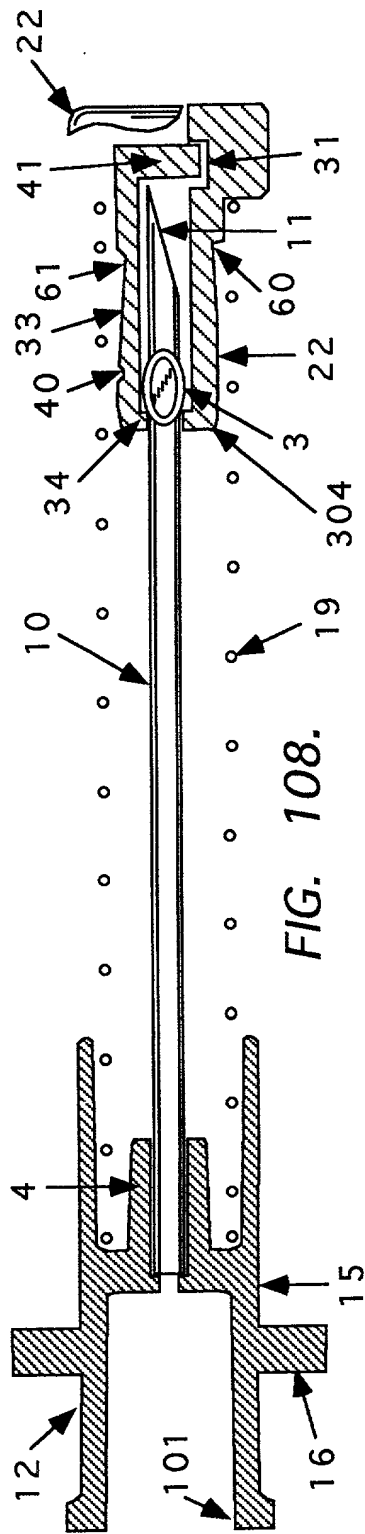


FIG. 108.

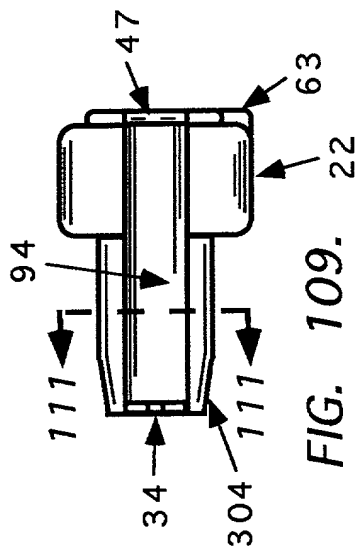


FIG. 109.

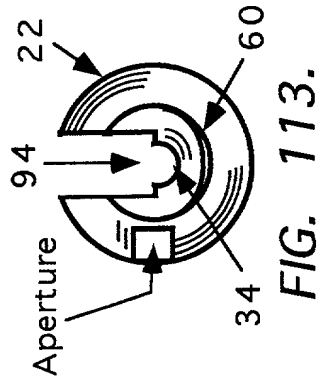


FIG. 110.

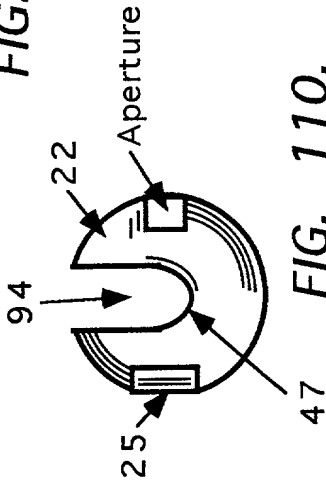


FIG. 111.

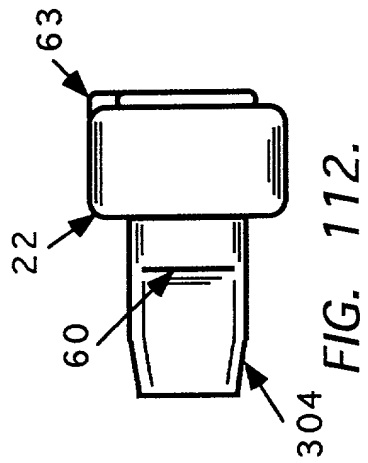


FIG. 112.

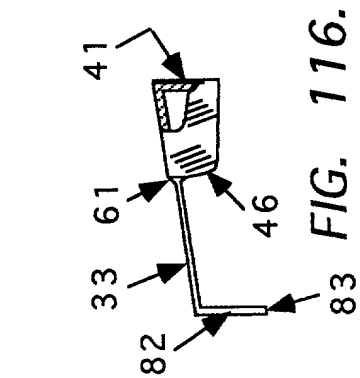


FIG. 116.

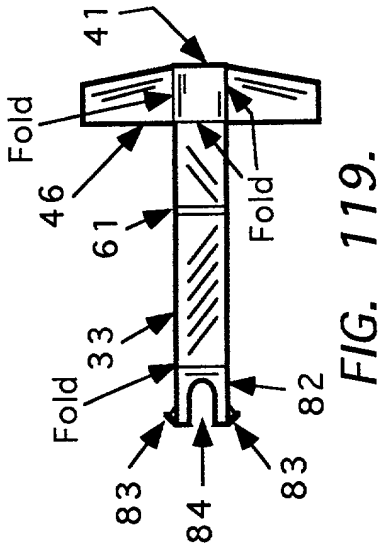
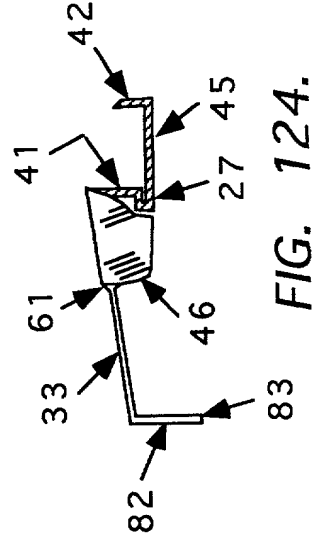
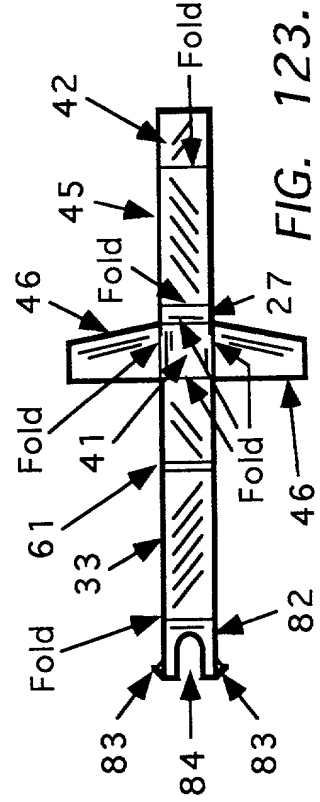
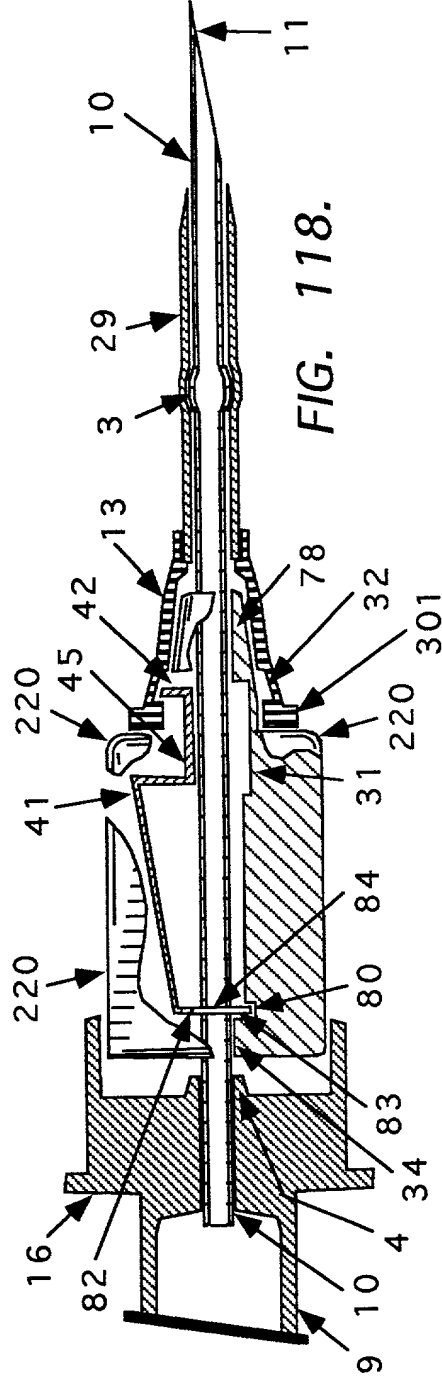
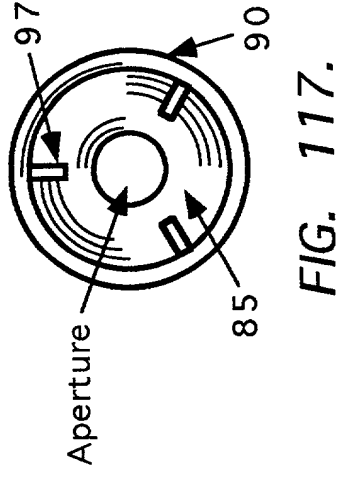
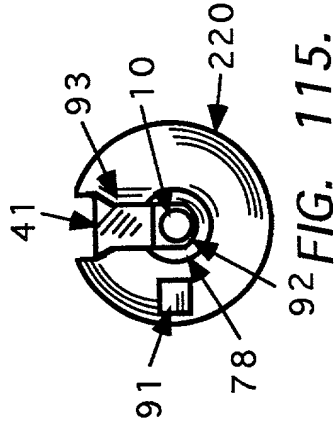
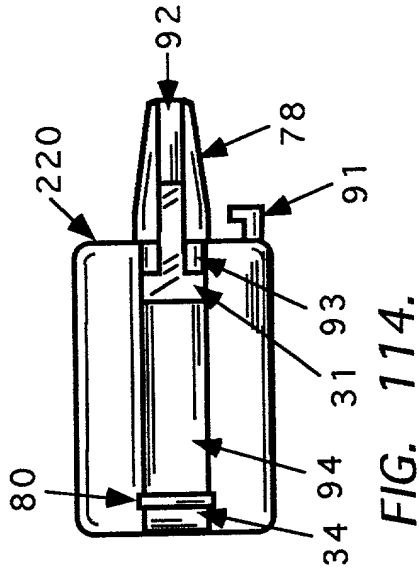


FIG. 119.



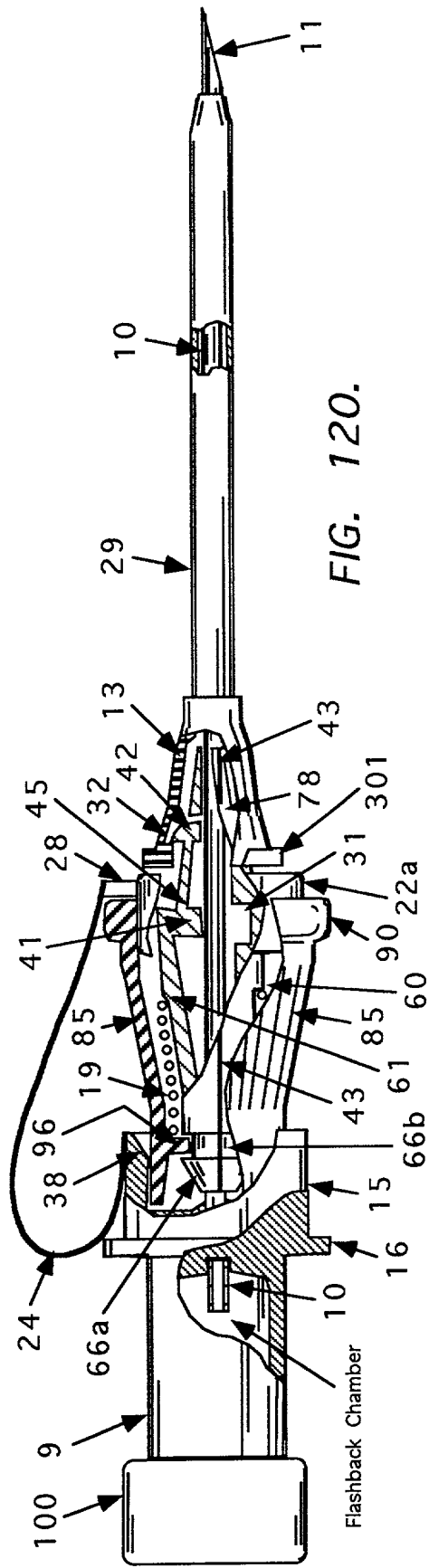


FIG. 120.

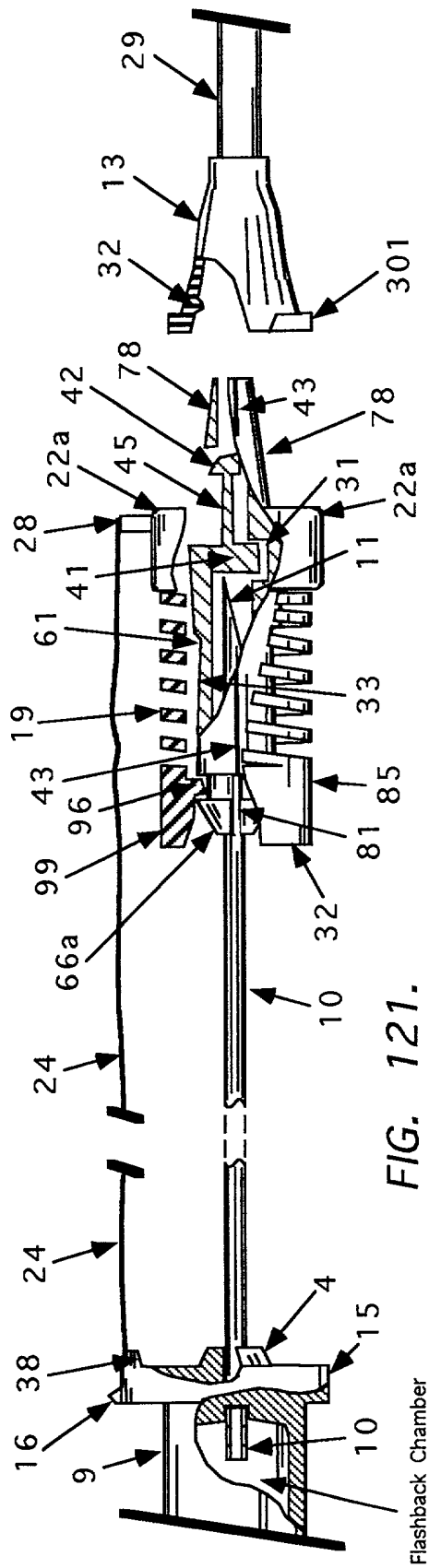


FIG. 121.

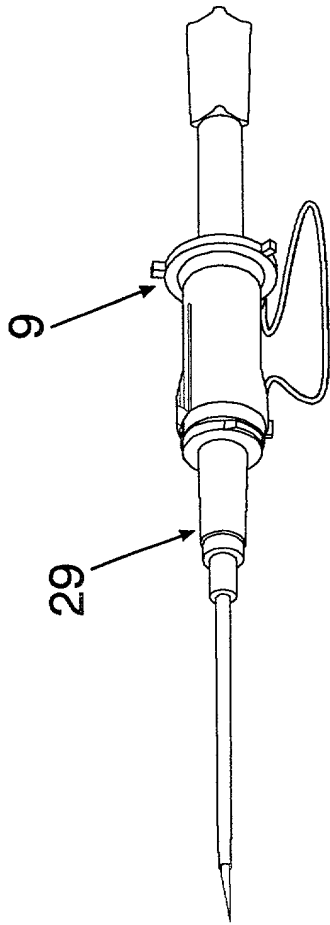


FIG. 122A

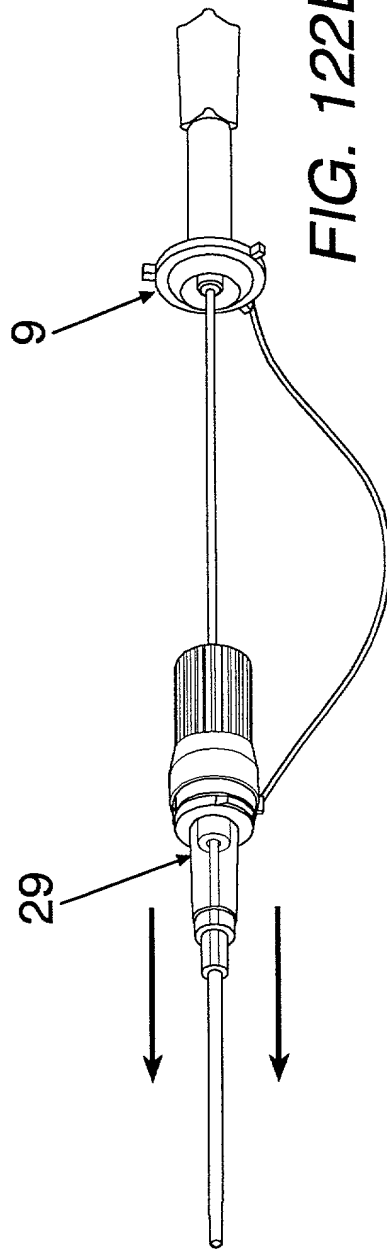


FIG. 122B

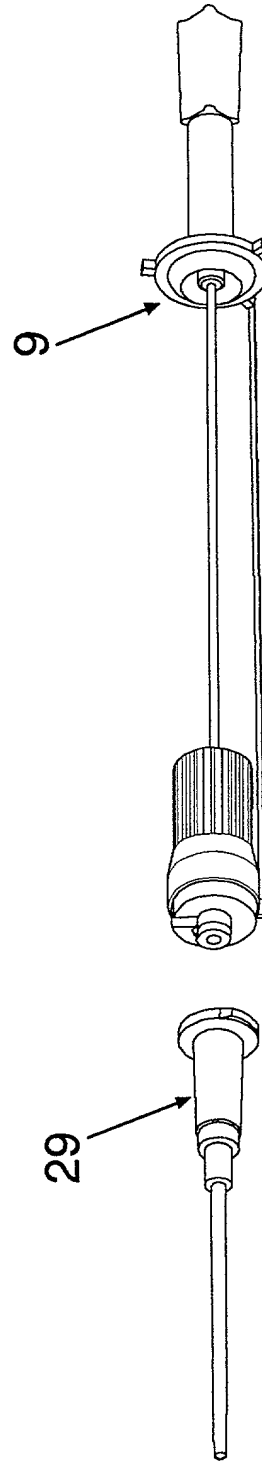


FIG. 122C

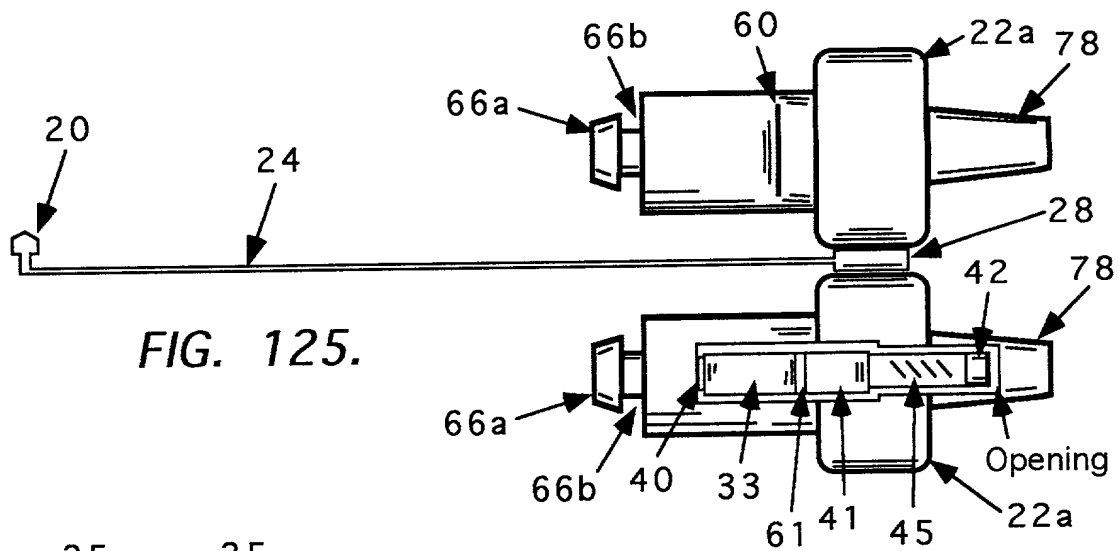


FIG. 125.

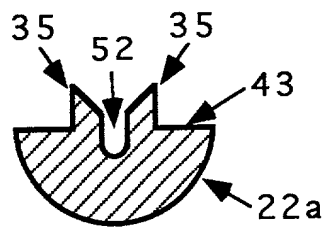


FIG. 129.

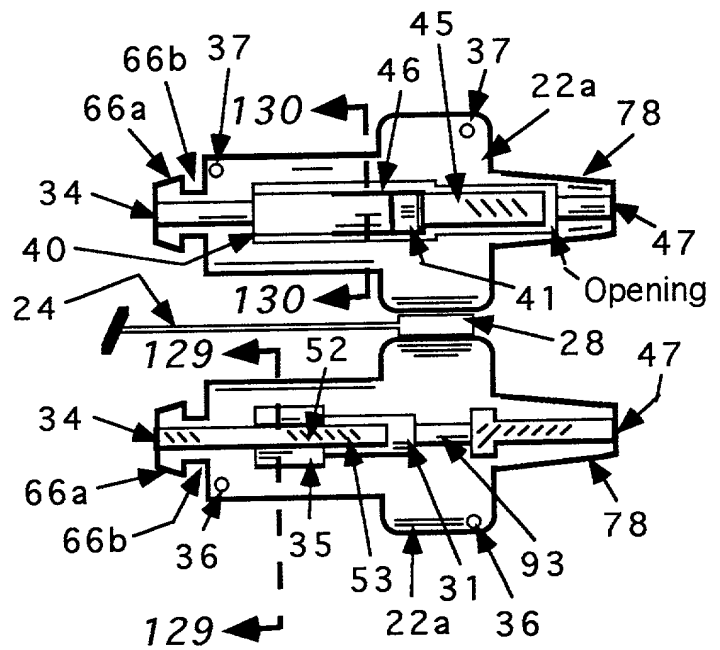


FIG. 126.

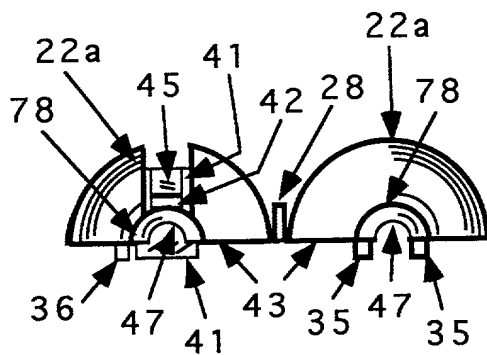


FIG. 127.

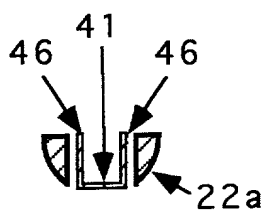


FIG. 130.

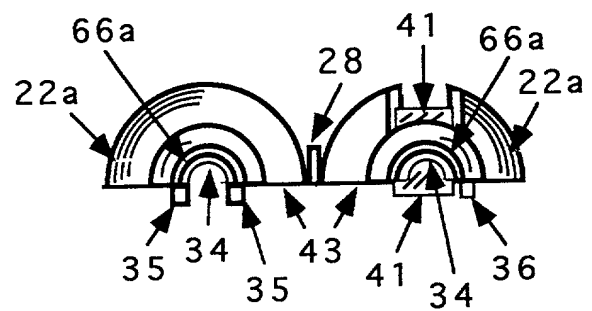


FIG. 128.

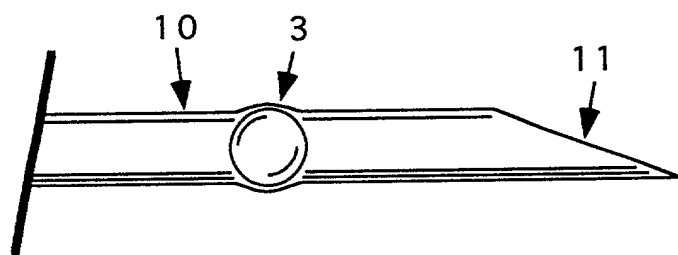


FIG. 131.

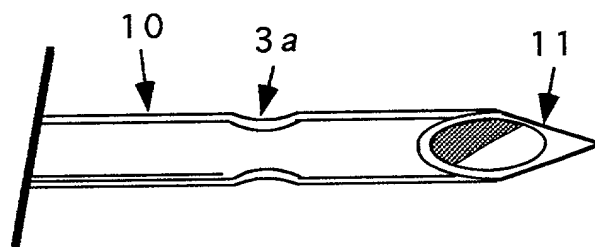


FIG. 132.

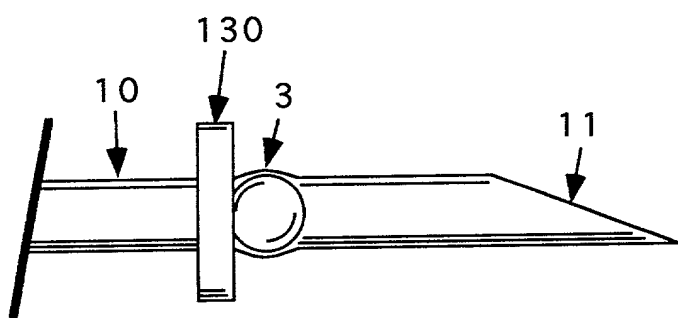


FIG. 133.

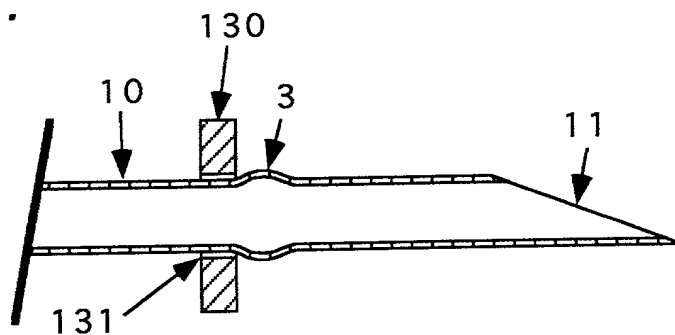


FIG. 134.

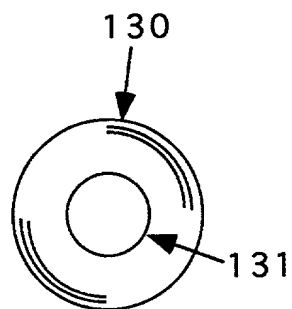


FIG. 135.

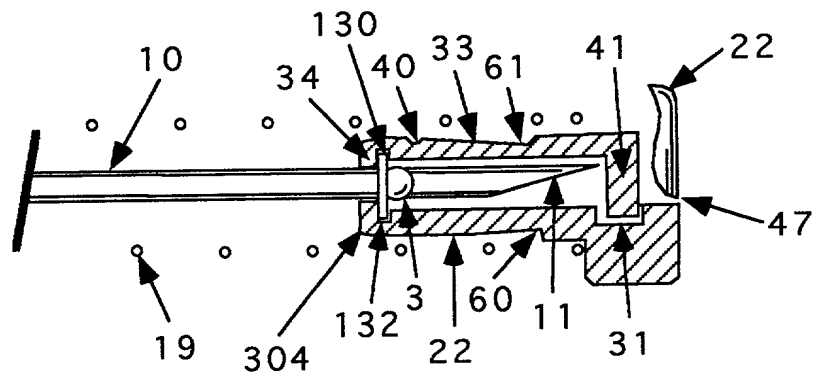


FIG. 136.

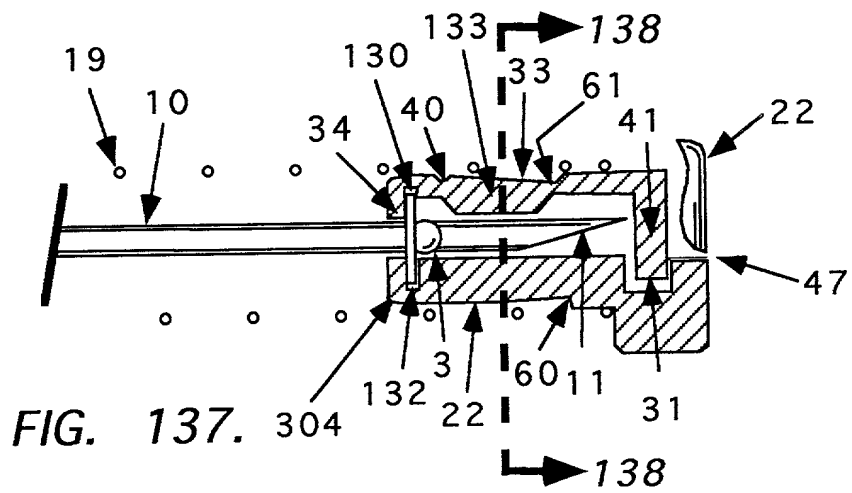


FIG. 137.

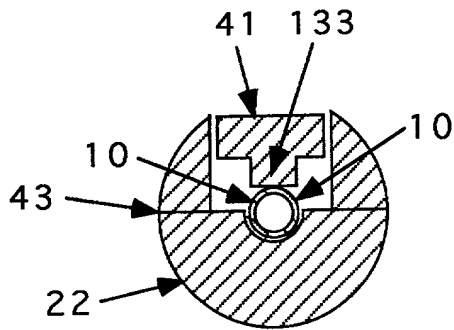


FIG. 138.

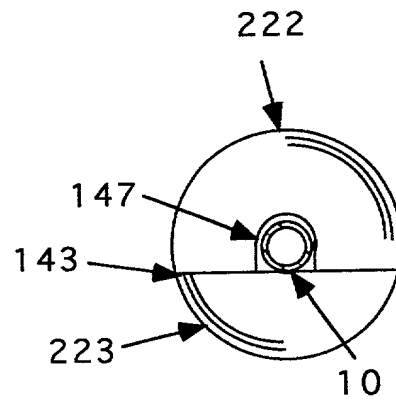


FIG. 139.

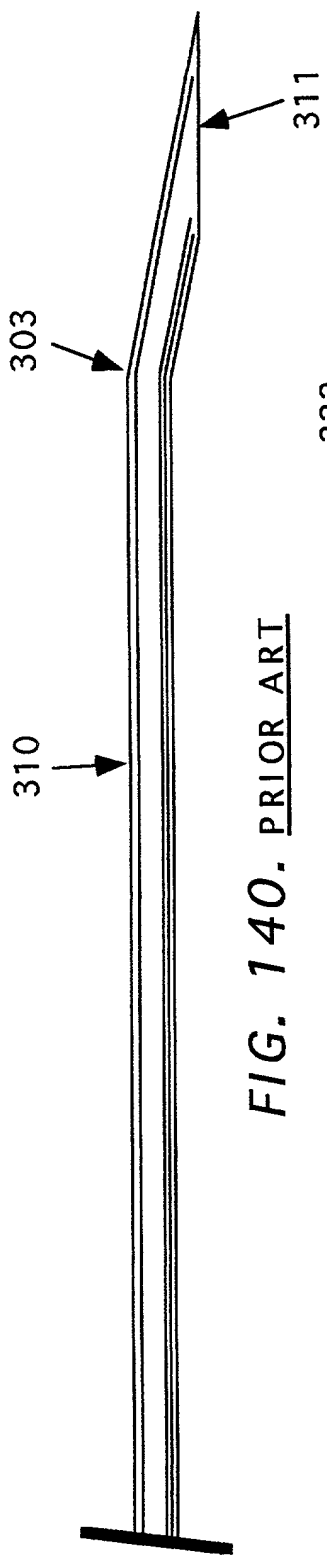


FIG. 140. PRIOR ART

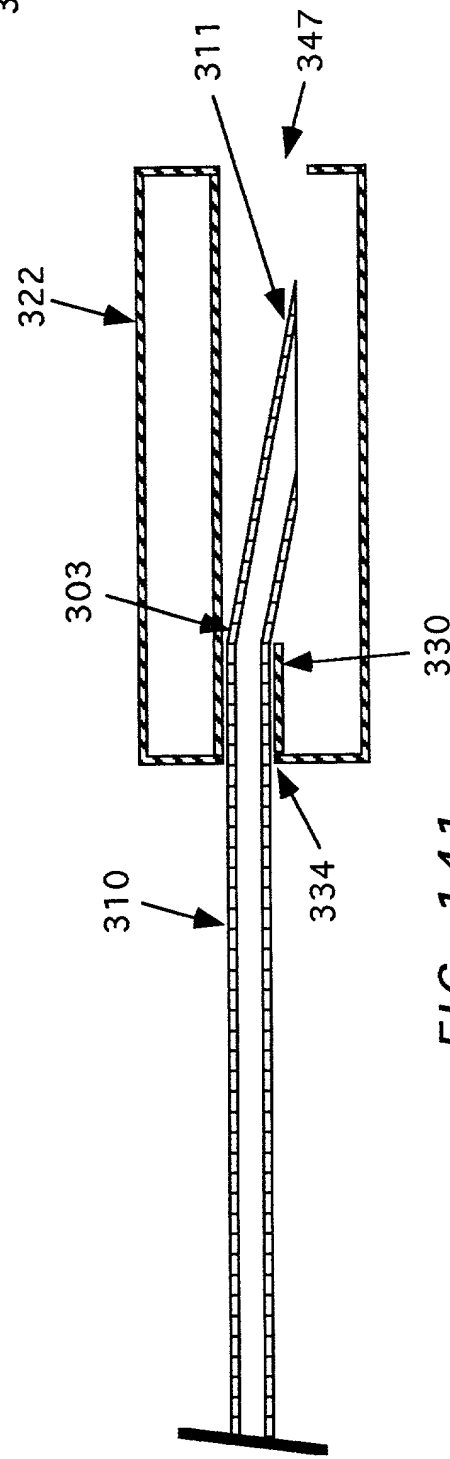


FIG. 141.

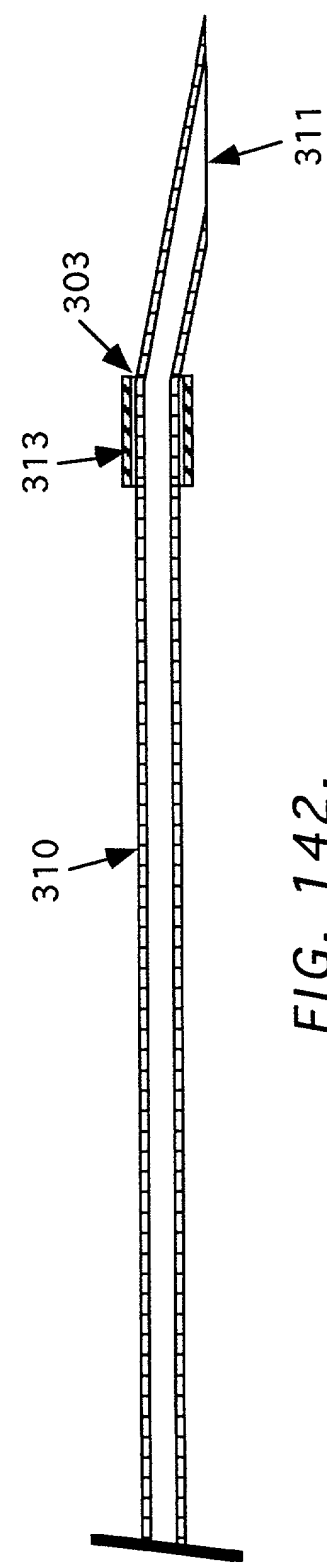


FIG. 142.

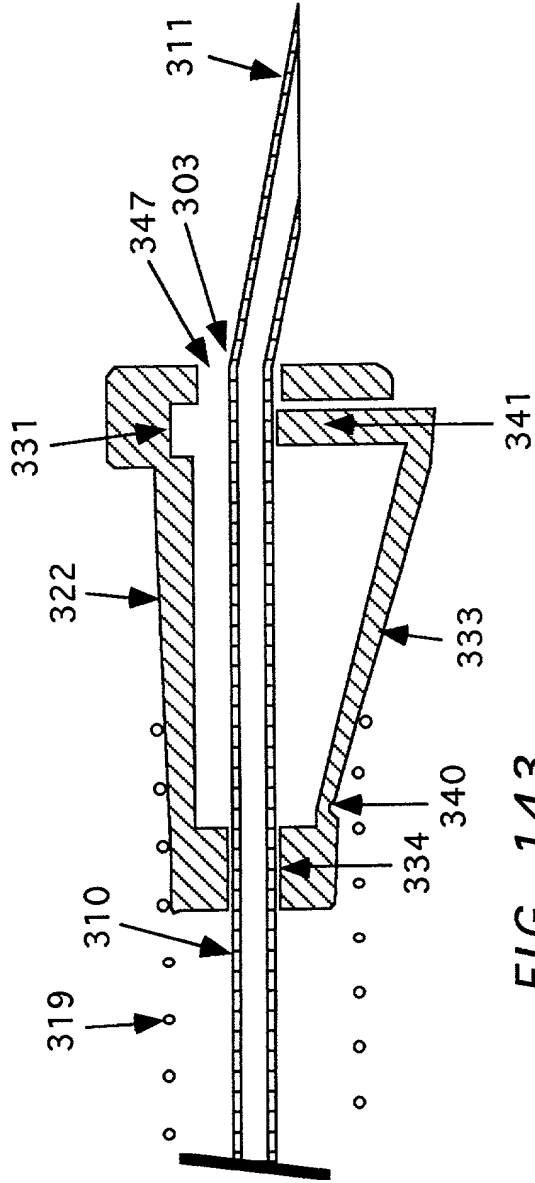


FIG. 143.

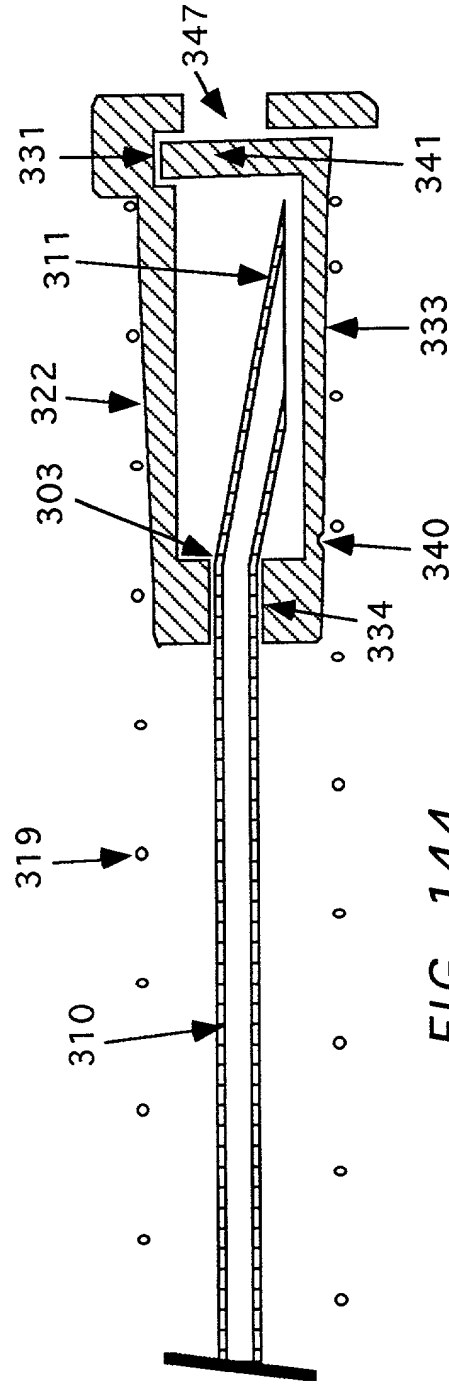


FIG. 144.

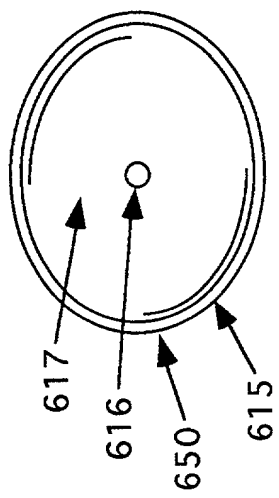
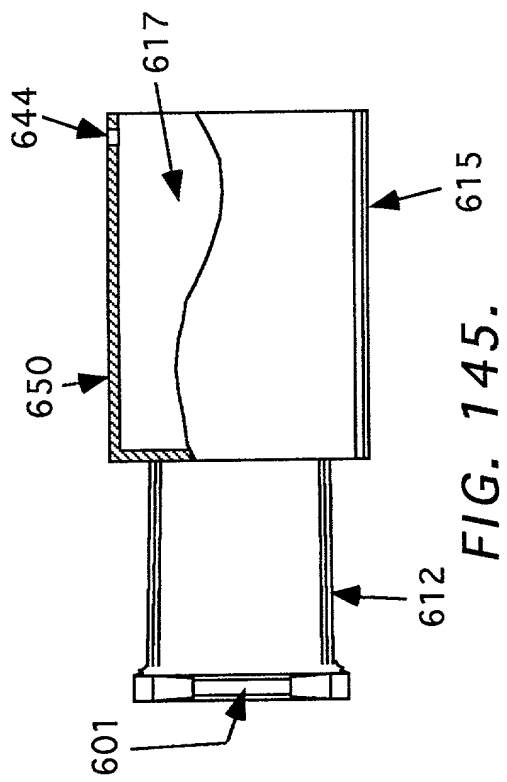


FIG. 146.

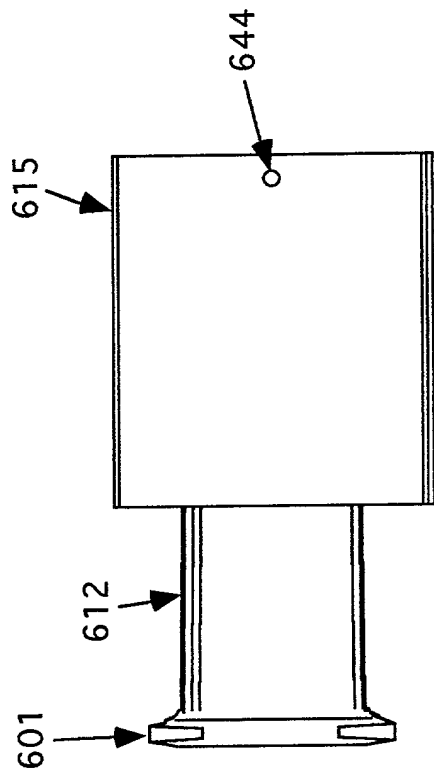


FIG. 147.

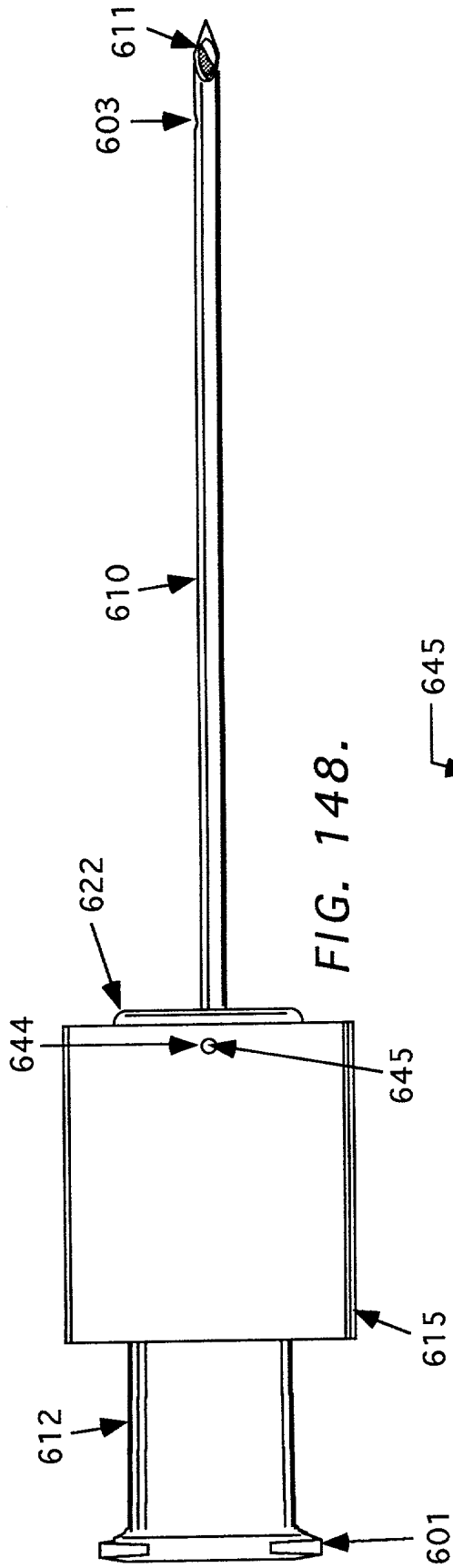


FIG. 148.

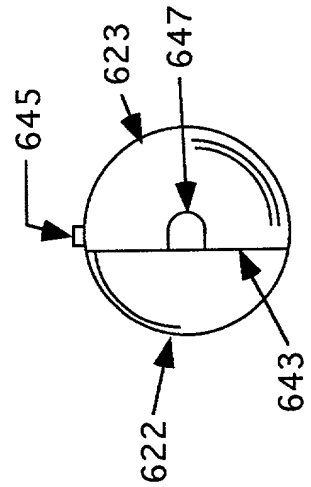


FIG. 149.

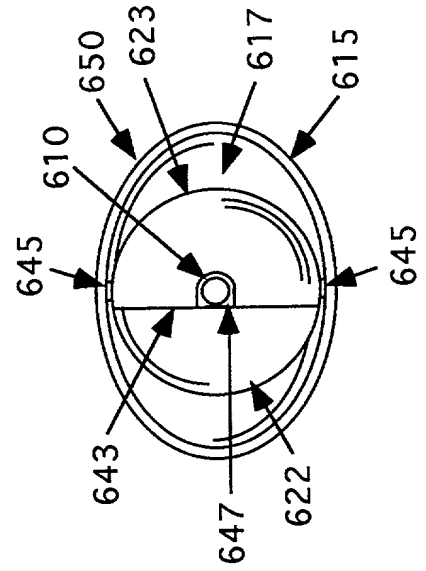


FIG. 150.

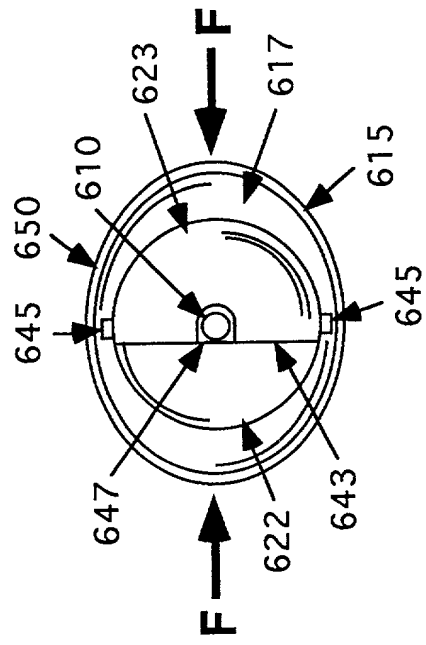


FIG. 151.

